

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0003	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10177	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 22	
			10B. DATED (SEE ITEM 13) 02/14/03	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$2,986.00 is hereby added. This Task Order is now fully funded at \$78,338.00

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED AUG 6 2003

RCRA Analytical Support

Contract: 68-W-01-009, Task Order: 0022, Mod: 0003

Lead PR Number: PR-R4-03-10177

Summary Information

Title: RCRA Analytical Support
Period of Performance: From: 02/14/03
To: 02/13/04
Award Date: 02/14/03
Total Funding: \$78,338.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
Base	RBC049	03	B	E1B	90102E	LMAM0000		2505	\$2,986.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2002 - TER004	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$1,000.00
FY2002 - TJR002	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$34,352.00
FY2002 - TJR010	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$20,000.00
FY2003 - RBC049	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$2,986.00
FY2003 - TJ3009	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$20,000.00

[M] - Modified

[A] - Added

Attachments

The following item(s) have been modified:

Document Hours was modified.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 22
			10B. DATED (SEE ITEM 13) 02/14/03
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification hereby provides the following administrative change to Procurement Management Roles.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED JUN 30 2003

RCRA Analytical Support

Contract: 68-W-01-009, Task Order: 0022, Mod: 0002

Summary Information

Title: RCRA Analytical Support
Period of Performance: From: 02/14/03
To: 02/13/04
Award Date: 02/14/03
Total Funding: \$75,352.00

Funding Breakout

Acct.Info	Funding Category	Amount
-----		Redacted
FY2002 - TER004	Estimated Cost	Exemption 4, CBI
	Fixed Fee	

	Total:	\$1,000.00
		Redacted
FY2002 - TJR002	Estimated Cost	Exemption 4, CBI
	Fixed Fee	

	Total:	\$34,352.00
		Redacted
FY2002 - TJR010	Estimated Cost	Exemption 4, CBI
	Fixed Fee	

	Total:	\$20,000.00
		Redacted
FY2003 - TJ3009	Estimated Cost	Exemption 4, CBI
	Fixed Fee	

	Total:	\$20,000.00

[M] - Modified

[A] - Added

Procurement Management Roles

The following item(s) have been added:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: SHARON R. THOMS
61 FORSYTH STREET, SW
ATLANTA, GA 30303--310

Mail Code:
Phone Number: 404-562-8666
Fax Number:
E-Mail Address:

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10087	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 22
		10B. DATED (SEE ITEM 13) 02/14/03
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$1,000.00 is hereby added. This brings the total incremental funding to \$75,352.00. The contractor shall not exceed the current funding level of \$75,352.00.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED MAR 12 2003

Summary Information

Title: RCRA Analytical Support
Period of Performance: From: 02/14/03
To: 02/13/04
Award Date: 02/14/03
Total Funding: \$75,352.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P /
Base	TER004	02	B	04T00RR	40202C	00000000		2505	\$1,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2002 - TER004	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$1,000.00
FY2002 - TJR002	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$34,352.00
FY2002 - TJR010	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$20,000.00
FY2003 - TJ3009	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$20,000.00

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Document Hours was modified.

The following item(s) have been added:

Attachment Name

Invoice Approval Authority
Hours

Invoice Approval Authority

Contract: 68-W-01-009, Task Order: 0022, Mod: 0001

Lead PR Number: PR-R4-03-10087

Notwithstanding the appointment of Alternate Task Order Project Officers, only the Contract level Project Officer and Alternate shall have invoice approval authority.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER FEB 14 2003		2. CONTRACT NO. (If any) 68-W-01-009		6. SHIP TO:	
3. ORDER NO. 0022		4. REQUISITION/REFERENCE NO. PR-R4-03-10076		a. NAME OF CONSIGNEE MICHAEL H. BIRCH, TOPO	
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV				b. STREET ADDRESS COLLEGE STATION RD	
7. TO:				c. CITY ATHENS	d. STATE GA
				e. ZIP CODE 30613	
a. NAME OF CONTRACTOR INTEGRATED LABORATORY SYSTEM				f. SHIP VIA	
b. COMPANY NAME				8. TYPE OF ORDER	
c. STREET ADDRESS P.O. BOX 13501				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. TASK -- Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY Research Triangle Park				Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet. If any, including delivery as indicated.	
e. STATE NC				f. ZIP CODE 27709	
9. ACCOUNTING AND APPROPRIATION DATA See Attached				10. REQUISITIONING OFFICE Same as Block 6	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))

<input checked="" type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN OWNED
12. F.O.B. POINT Same as Block 6		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)
13. PLACE OF		16. DISCOUNT TERMS N/A	
a. INSPECTION Same as Block 6	b. ACCEPTANCE Same as Block 6		

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	See Attached					
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.			
	21. MAIL INVOICE TO:					
	a. NAME Environmental Protection Agency					
	b. STREET ADDRESS (or P.O. Box) Research Triangle Park Financial Management Center (D143-02)					
	c. CITY Research Triangle Park	d. STATE NC	e. ZIP CODE 27711	\$78,338.00		

22. UNITED STATES OF AMERICA BY (Signature)

Charles K. Hayes 2/14/03

23. NAME (Typed)
CHARLES K. HAYES
TITLE: CONTRACTING/ORDERING OFFICER

RCRA Analytical Support

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

Summary Information

Title: RCRA Analytical Support
Period of Performance: From: 02/14/03
To: 02/13/04
Award Date:
Total Funding: \$74,352.00

Accounting/Appropriation Data

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P /
Base	TJ3009	03	B	04T00RR	90101E	00000000		2505	\$20,000.00	C
Base	TJR010	02	B	04T00RR	90102E	00000000		2505	\$20,000.00	C
Base	TJR002	02	B	04T00RR	90102E	00000000		2505	\$34,352.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2002 - TJR002	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
	Total:	\$34,352.00
FY2002 - TJR010	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
	Total:	\$20,000.00
FY2003 - TJ3009	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
	Total:	\$20,000.00

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: MICHAEL H. BIRCH
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8552
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: LINDA P. KIDD
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8731
Fax Number:
E-Mail Address:

Deliverable Items

SCHEDULE FOR LOCATION:

Attachments

RCRA Analytical Support

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

Attachment Name

Task Order SOW
Hours

Subcontractor Consent

Name	Type	Amount
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$12,546.00

Task Order Totals

Category	POP	Amount
Estimated Cost	Base Pd.	Redacted
Fixed Fee	Base Pd.	Exemption 4, CBI

TASK ORDER SOW

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

Statement of Work Task Order No. 22 RCRA Analytical Support Period of Performance 2/15/2003 - 2/14/2004

PURPOSE

The purpose of this Task Order (TO) is to provide RCRA analytical support to the EPA Region 4 Science Ecosystem Support Division (SESD). The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) **Task Area I, Analytical Support, Task Area II, Data Review Support, Task Area III: Analytical Logistical Support and Task Area IV, QA/QC Support**. See Attachment 1 Estimated Number of Samples and Analysis for Region 4's expected number of requests for each Task listed below.

STATEMENT OF WORK:

The contractor shall provide analytical chemistry, biological, field sampling, analytical and data review support to EPA at the Agency's regional laboratory facilities and at specified field locations using mobile laboratory(ies) and/or field based analytical methods.

The contractor shall comply with all SESD SHEMP health and safety, environmental, waste handling and other applicable SESD work rules while conducting on-site or off-site functions. The contractor shall also follow Good Automated Laboratory Practices for all analytical work required by this TO. Upon issuance of this TO, the Task Order Project Officer (TOPO) will provide the contractor with applicable requirements. The contractor shall become familiar with all applicable standard operating procedures (SOPs) referenced in and accompanying the TO.

The contractor shall notify the TOPO immediately if it encounters any equipment failure that cannot be readily remedied by the contractor or technical problems that may impact the quality or on-time delivery of deliverables, or if any required equipment or supplies are unavailable to accomplish required work under this TO.

TASK 1: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each task under this TO, including each site-specific project, in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5. Program management costs shall be identified from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with monthly reports of the above-referenced data.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this Task through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate, complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall revise its QMP and QAPP to reflect any new changes in operation or new requirements or implement an EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2 and requirements outlined in EPA QA-R5.

The contractor shall implement or revise an existing Health and Safety plan as needed to assure that all requirements

TASK ORDER SOW

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

specified above are addressed.

Deliverables:

The contractor shall submit to the PO/TOPO all reports defined in the SOW (Attachment 2, Reports of Work Page 2-1 of 5) and monthly status reports under this TO.

The contractor shall submit to the PO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.

Task 2: Environmental Sample Analysis:

The contractor shall prepare and/or analyze environmental samples consisting of a variety of media for chemical contaminants including, but not limited to, pesticides/PCBs, volatiles and semivolatile organic compounds; cyanide, metals, nutrients and other inorganic analytes.

The TOPO shall assign the analysis of each batch of samples covering a specific project and other analytical support activities through the issuance of a TDF. The TDF will specify the number and identity of samples requiring analysis, the analytical methodologies to be used and a schedule for analysis and submission of deliverables.

The Contractor shall perform the following activities in accordance with the most current guidance documents: Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, (EISOPQAM), Analytical Support Branch Operations and Quality Control Manual, and Ecological Assessment Branch Standard Operating Procedures. These documents are available through the Internet at the following address:
http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall perform all extractions, analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs. The contractor shall also prepare all analytical standards required for the sample analysis.

The contractor shall maintain logbooks and worksheets in accordance with good laboratory practices and complete all documents and recordings as required by the analytical SOP. The contractor shall archive sample extracts in the designated areas, upon completion of the analysis of each batch of samples, and archive the data on electronic media, when required by storage capacity, in accordance with the appropriate SOPs.

The contractor shall track the progress of completion of each analytical project by updating the QA/QC status of the samples in the Region 4 Laboratory Information Management System (R4LIMS) to track sample preparation (number of samples), analysis and data reduction and submission of deliverables.

The contractor shall perform other analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment. These activities include the analysis of performance evaluation and other QA-related samples; the evaluation of instrumentation, software, and methodologies; the review, preparation or revision of analytical SOPs; and other analytical-related support tasks.

Deliverables: The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other analytical support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF.

Task 3: Biological Support:

The contractor shall perform the following biological activities listed in **B. Biological Support:** of the contract SOW in accordance with the latest U.S. EPA Region IV Ecological Assessment Branch Standard Operating Procedures, and Region IV Standard Operating Procedures for Toxicity Testing Hazardous Waste Assessments.

The contractor shall provide acute and chronic toxicity tests with Ceriodaphnia, fathead minnows, lettuce, earth worms, amphipods, algal, Microtox, and/or other organisms on samples collected at RCRA or other sites. Perform activities

TASK ORDER SOW

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

necessary for the culturing and maintenance of biological test organisms to assure an adequate, viable supply of the organisms for biological/microbiological testing at the EPA Regional laboratory. The contractor shall obtain new test organisms in order to maintain existing laboratory cultures. Perform culturing activities in accordance with established, approved or regulated methodologies and laboratory SOPs specified in the TO or through TDFs. Collect bioassay samples and/or organisms at specified sites. Perform on-site toxicity testing, algal growth potential and other bioassessment procedures, or endangered species assessments.

The contractor will be tasked to develop documents that include screening assessments, problem formulation sampling and analysis plans and quality assurance project plans and risk characterizations for ecological risk assessment. The contractor will be required to collect biological samples such as mussels, crabs, fish, reptiles and amphibians at RCRA sites. This would also include sample processing such as tissue homogenization and sample shipping.

The contractor will provide analysis of soils/sediments for particle size analysis, total organic and inorganic matter, total organic carbon and other physical/chemical parameters.

The contractor shall perform other analytical/biological support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment.

The contractor shall develop and implement a site work plan detailing required field activities, including sample collection and testing, test organism identification and examination, sample preparation and packaging, chain-of-custody requirements, and decontamination procedures per the TO or as issued in the TDF.

The contractor shall perform QA/QC analysis with all the above mentions analytical and field tasks.

Deliverables:

The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other biological support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF. The contractor shall submit any revised SOPs with the test report.

The contractor shall perform the culturing and maintenance of biological test organisms including QC to assure an adequate, viable supply of the organisms for biological testing.

The contractor shall obtain new test organisms in order to maintain existing laboratory cultures.

The contractor shall provide forms and laboratory log books for all recordings including QA/QC documentation required by the SOPs and TDFs, and daily calibration of laboratory instruments.

The contractor shall provide monthly reports and related QC for Standard Reference Toxicity Tests (chronic and acute). Raw and QC data shall be included in the reports as specified in the SOPs, TOs or TDFs.

Task 4: Field/Warehouse Support:

The contractor shall provide support as listed in **C. Field Analytical Support, Field Warehouse Operations Support**, and pertinent **Task Area III, Analytical Logistical Support** in the contract SOW. The contractor shall perform the following field activities in accordance with the previous reference guidance documents.

- Provide decontamination/cleaning of field equipment, analytical instruments, as well as sample container preparation to meet with QA/QC checks and requirements.
- Provide field investigation vehicle loading/unloading support. Receives equipment load out requests and insures that field sampling and testing equipment is cleaned and prepared for use to meet with QA/QC requirements. Includes maintenance of batteries and battery shed.
- Maintain Field Equipment Center (FEC) in a neat and organized manner and track the inventory of supplies in a computer database for tracking consumables for field projects.
- Provide routine field and laboratory instrument/operator maintenance incidental to other assigned tasks including log in of maintenance and calibration records.
- Setup and perform QC checks to verify calibrations on new field sampling and field analytical equipment to assure that equipment is operating according to vendor specifications, assist in configuring equipment to

TASK ORDER SOW

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

- accomplish field analytical tasks.
- Provide field and analytical support. Conduct pH, DO, turbidity, temperature, conductivity, water level measurements and similar testing and air monitoring. Collect and preserve water, soil/sediment, waste, and leachate samples for subsequent chemical analysis. The contractor shall perform other field analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of field equipment
- Precisely locate and document sampling sites and features at hazardous waste and other sites. GPS coordinates are collected and provided to EPA's GIS Section for inclusion in the GIS program.
- Provide field sampling support by operating EPA drill rig equipment and other specialized equipment as specified in the contract SOW.
- Provide Field Analytical Screening Project (FASP) analysis support. Support will include conducting a variety of organic and inorganic chemical analyses using equipment listed in the SOW Attachments 3, 4, 5. Analytical support may be provided at both fixed and field laboratory sites.
- Provide for operation, management, and maintenance of mobile laboratories listed in the GFP.
- Develop field investigation Work Plan for all support activities and submit to EPA for review and approval as requested in the TDF.
- Process and enter analytical data and its associated location information into a GIS or EMAP environmental system, necessary to display analytical data source maps and tables. Generate source maps using ARCINFO, AUTOCAD, or other commercially available software.
- Generate and/or distribute chain-of-custody documentation, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite);
- Package and ship field samples, including document management, and return coolers.

Frequent travel within Region IV is required. The contractor will coordinate with Project Leaders for transportation to site via GOV or GFP. Site visits may include documentation of field collection efforts, sampling locations, and methodologies to determine if technical comments provided in site-specific work plans are followed and incorporated into subsequent deliverables. The contractor shall prepare detailed records of all such activities. In all instances, the contractor shall identify themselves as employees of ILS/ManTech.

Deliverables: The contractor shall prepare and submit reports associated with the above list of tasks as per F. **Deliverables** in the contract SOW, appropriate regional TO/SOPs or as issued through the TDF. Computer reports will be provided for ordering of consumables and items consumed for field projects.

Task 5: Routine Instrument Maintenance:

The contractor shall perform routine analytical laboratory instrument set up and maintenance activities required for the analysis of samples assigned under this TO. The TOPO shall assign routine set up and maintenance of instrumentation, not completed in connection with the contractor's analysis of samples, through the issuance of a TDF, which will specify the nature of the tasks and schedule for completion.

Deliverables: The contractor shall prepare and submit a report to the PO and TOPO outlining the activities completed and difficulties encountered for tasks assigned through each TDF within five (5) days of completion.

Task 6: Technology Transfer:

The contractor shall provide information to EPA personnel for the purpose of transferring knowledge of a specific analytical or QA technique or technology obtained in performing work under the ESAT contract, and attend conferences or meetings, in accordance with Task Area V of the contract Statement of Work (SOW). The TOPO will issue TDFs to the contractor specifying the information required and the schedules for completion.

Deliverables: The contractor shall prepare and deliver to the PO and TOPO a summary of information provided under each TDF within five (5) days of completion.

Task 7: Training:

The contractor shall attend vendor-specific training in new technologies or specialty equipment/instruments and other EPA-specific training relating to the analysis of environmental samples, in accordance with Task Area V of the contract SOW. This may include training related to analytical instrumentation, field sampling technology, quality assurance, software or other related material. All training shall be performed only upon prior issuance of a TDF, specifying the nature of and schedule for training.

TASK ORDER SOW

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

Task 8: Sample Custodian and File Manager:

The contractor shall perform sample custodial duties at SESD for RCRA environmental samples in accordance with the SOPs specified above. The contractor shall receive FASP environmental samples arriving at the laboratory, and upon receipt, log the samples into the R4LIMS and refrigerator/ freezer log and store the samples in the appropriate refrigerators, freezers, or shelves for air canisters. The contractor shall generate and/or distribute chain-of-custody, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite). Tracking, packaging, and shipping samples; and the return of coolers to the FEC will be requested.

The contractor shall perform support activities relating to the disposal of environmental samples in accordance with the Sample Disposition and Disposal SOP in the SHEMP Manual. These activities include the storage of analyzed samples in the appropriate refrigerators, tracking of samples due for disposal, obtaining reports for samples to be disposed of, filing of the sample disposal sheets after sign-off by the site project officer, and notification of designated EPA personnel that samples are ready for disposal.

Deliverables: The contractor shall submit to the PO and/or TOPO completed forms and document inventories, in accordance with SOP requirements.

Task 9: Data Validation:

The contractor shall conduct technical review and validation of analytical data generated through the Contract Laboratory Program (CLP), regional laboratory contracts, EPA regional laboratory, potentially responsible parties (PRPs), EPA field contractors, and other sources.

The contractor shall examine the data package to determine if the required data and documentation are present. If information is missing, the contractor shall immediately notify the TOPO, through an interim deliverable listing the information required to complete the data validation. This includes tracking the status of data packages to include due dates, lateness, data validation reports, missing data for samples, PE samples or field QC samples.

The contractor shall perform electronic validation of deliverables (e.g., diskettes, CD ROM) or data packages using (including data packages generated electronically) electronic validation assessment software provided by the EPA, in accordance with the regional SOPs, TO and/or software documentation.

Upon completion of validation, the contractor shall submit the required data validation report(s) to the TOPO within the time frames specified in the TO or TDF. When revisions or corrections are required, data validation documents, marked up Form I's, and/or data packages will be returned to the contractor with written directions indicating the necessary revisions/corrections in accordance with a TDF. The contractor shall make the necessary revisions/corrections and submit the corrected data validation report to the TOPO. The contractor shall update any electronic tracking system if required under the task order. The contractor shall transfer electronic data as specified in the SOW, TO, guidance or TDF.

The contractor shall produce reports summarizing statistical (or mathematically derived) information resulting from data validation and/or data review activities.. The type of information required by such reports shall include the number of samples for which data were rejected, estimated and/or the number of rejected/estimated analytes by fraction (volatiles, semivolatiles, pesticide/PCBs, dioxins, metals, cyanide, or other parameters). The contractor shall specify the reasons for qualification or rejection of analytical data and may be required to provide a statistical or mathematical summary of this information. Several quality indicators such as surrogate recoveries, holding time exceeded, adherence to initial and continuing calibration requirements, contamination issues, accurate identification and quantitation of target analytes, internal standard response factors, temperature/preservation requirements, % moisture content, volatile head space, matrix spike/matrix spike duplicate recoveries and precision, and evaluation of duplicate sample precision may be used to determine, on a mathematical or statistical basis, the overall quality of the analytical data set. To expedite this process, EPA may require the contractor to employ available/existing electronic data assessment TOPOs.

The contractor shall inventory CLP Sample Delivery Group and other data packages for completeness, conduct evidentiary audits, repackage for archival storage, and transport analytical and QA-related data to/from designated records storage facilities in accordance with EPA requirements and SOPs at EPA facilities which may include EPA acquired off-site facilities. The contractor will be required to physically lift, move, and transport boxes of data and/or reports to EPA off-site facilities for data storage/archiving purposes as needed. All packages will be inventoried and boxed according to Federal Records Center requirements.

TASK ORDER SOW

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

Task 10: Data Entry:

The contractor shall provide manual and/or electronic analytical data entry into R4LIMS and clerical support as required to complete technical and reporting requirements for all data review packages assigned by a TDF. This will include initial data entry and verification.

Task 11: Performance Evaluation (PE) Sample Preparation:

The contractor shall prepare/package samples, ship paperwork for PE spikes and blind blanks for the sampling events as requested in a TDF.

The contractor shall provide documentation and chain-of-custody paperwork for PE samples shipped to specified laboratories as stated in the TO, SOPs or by the TDF.

Deliverables:

The contractor shall submit to the CO, PO, and TOPO SOPs for accomplishing the activities under this task with the TO Work Plan for EPA approval. For all data review tasks, the contractor shall prepare and submit to the TOPO a report, detailing results of the data review. When revisions or corrections are required, the TOPO will return the data package to the contractor with written instructions indicating the necessary revisions/corrections. The contractor shall make the necessary revisions/corrections and re-submit the data package to the TOPO.

The contractor will provide copies of chain-of-custody documentation and shipping information and reports for PE Samples. Other deliverables will be listed in the TDF.

The contractor shall submit to the PO and/or TOPO, for each designated data package, a report of differences and problems in performing the data validation for the evaluation of new or revised functional guidelines, in accordance with schedules specified in TDFs. Original documents shall accompany all revisions.

The contractor shall provide R4LIMS data entry support for completed data packages in a timely manner as specified in the TDFs.

Task 12: Preparation and Review of QA/QC Documents

The contractor shall provide QA/QC technical reviews of documents in accordance with prescribed U.S. EPA Region 4 procedures. Occasional site visits to conduct site assessments and participate in sample collection efforts in support of the ecological risk assessments shall be required. Travel to provide on-site assessment and attend meetings concerning certain sites may be required.

The contractor shall prepare/review QAPPs and/or sampling and analysis plans for EPA and ESAT conducted projects according to the EPA guidance documents, EPA QA/R-5: EPA Requirements for Quality Assurance Project Plans; EPA QA/G-9: Guidance for the Data Quality Assessment: Practical Methods for Data Analysis; and EPA QA/G-4HW: Guidance for the Data Quality Objectives Process for Hazardous Waste Sites.

The contractor shall provide technical support to EPA in the review, development, and/or revision of QA-related documents as specified in TDFs. These documents may include SOPs, procedural documents, scopes of work, operating guidelines, analytical summaries and tables, functional guidelines, and data validation manuals.

The contractor shall conduct scientific and technical review on EPA SOPs, manuscripts, data compilations, review articles, technical papers prepared for journal publication, and scientific/technical products.

The contractor shall provide evaluation of specialized computer systems to be utilized to perform or support task-related activities, such as loading existing analytical data into EPA supplied software and generating reports or conducting electronic data assessments/validation.

The contractor may be tasked to provide review and assessment of field screening and fixed laboratory conformational data and split sampling data to determine data comparability.

The contractor shall perform data review for the regional data validation oversight program.

TASK ORDER SOW

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

The contractor shall provide technical support to the EPA in the review of non-CLP, PRP, and state laboratory performance in the analysis of samples for EPA environmental programs and in the review of PRP, state, and field contractor performance of field sampling/analytical activities. This technical support may require the contractor to review and track applicable documents and electronic media to determine if laboratory and/or field activities have been performed in accordance with EPA-approved requirements and specifications. The contractor may be required to provide on-site technical support to EPA at designated laboratories or sites.

Deliverables:

Critical technical review of documents that include and relate to the ecological risk assessment for hazardous waste sites as defined in the guidance documents and the TDFs issued by EPA.

The contractor shall prepare and submit to the TOPO the QAPPs or S&A Plans in the format specified in the guidance documents and/or submit findings of the reviews as defined in the TDF.
The contractor shall provide R4LIMS data entry support for completed data packages in a timely manner as specified in the TDFs.

The contractor shall submit to the applicable TOPO and/or project officer (PO) documents prepared and a complete report of its review of documents and data performed under this Task Area, in the format specified. This may require the submission of electronic deliverables, data tables, notes of meetings and site visits, and research materials and/or references. The contractor may be required to summarize document revisions. At times, multiple copies of documents/deliverables may be required. The contractor shall revise and resubmit documents in accordance with EPA requirements specified in the TDF.

Attachment 1

Contract # 68-W-01-009
RCRA Analytical Support
Period of Performance 2/15/2003 - 2/14/2004

Listed below is EPA estimates for the various task areas during the performance period of this Task Order.

Field Support	Number Requested Originally	Additional Number Requested	Total Requested
Site Visits w/On-Site Support Provided	6	3	9
Equipment/Instrument Load-ins	8	25	33
Equipment/Instrument Load-outs	8	25	33
Site Visits w/FORMS Support Provided	1	8	9
Data Review/QA/QC Support	Number Requested	Number Requested	Total Requested
Inorganic Samples Reviewed	20	0	20
Organic Samples Reviewed	20	0	20
Inorganic Digestions	50	25	75

TASK ORDER SOW

Contract: 68-W-01-009, Task Order: 0022

Lead PR Number: PR-R4-03-10076

Mercury Analysis	40	20	60
Cyanide Analysis	15	15	30
Organic Extractions	20	10	30
Pesticide/PCB Analysis	20	10	30
Organic Evidentiary Audits Conducted	2	0	2
Inorganic Evidentiary Audits Conducted	2	0	2
TCLP Extractions	0	10	10

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10176	5. PROJECT NO. (if applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (if other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 21 10B. DATED (SEE ITEM 13) 02/28/03
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$92,961.00 is hereby added. This Task Order is now fully funded at \$1,452,636.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED AUG 6 2003

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0006

Lead PR Number: PR-R4-03-10176

Summary Information

Title: Superfund Analytical Suport
Period of Performance: From: 03/01/03
To: 02/29/04
Award Date: 02/28/03
Total Funding: \$1,452,636.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr. #	Org	Program Element	Site/Project	Cost Org	Obj Clss	Amount	P / C
Base	F0R191	03	T	72F	50102D	HQ00LA00		2505	\$92,961.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - F0R037	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$185,000.00
FY2003 - F0R058	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$185,000.00
FY2003 - F0R086	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$200,000.00
FY2003 - F0R111	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$400,000.00
FY2003 - F0R173	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$389,675.00
FY2003 - F0R191	Estimated Cost	Redacted
	Fixed Fee	Exemption 4, CBI
Total:		\$92,961.00

[M] - Modified

[A] - Added

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0006

Lead PR Number: PR-R4-03-10176

Attachments

The following item(s) have been modified:

Document Hours was modified.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0005	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303	CODE	7. ADMINISTERED BY (if other than item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 21 10B. DATED (SEE ITEM 11) 02/28/03
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification hereby provides the following administrative change to Procurement Management Roles.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED JUN 30 2003

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0005

Summary Information

Title: Superfund Analytical Suport
Period of Performance: From: 03/01/03
To: 02/29/04
Award Date: 02/28/03
Total Funding: \$1,359,675.00

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - FOR037	Estimated Cost	
	Fixed Fee	
Total:		\$185,000.00
FY2003 - FOR058	Estimated Cost	
	Fixed Fee	
Total:		\$185,000.00
FY2003 - FOR086	Estimated Cost	
	Fixed Fee	
Total:		\$200,000.00
FY2003 - FOR111	Estimated Cost	
	Fixed Fee	
Total:		\$400,000.00
FY2003 - FOR173	Estimated Cost	
	Fixed Fee	
Total:		\$389,675.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Procurement Management Roles

The following item(s) have been added:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: SHARON R. THOMS
61 FORSYTH STREET, SW
ATLANTA, GA 30303--310

Mail Code:
Phone Number: 404-562-8666
Fax Number:
E-Mail Address:

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10155	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 21 10B. DATED (SEE ITEM 13) 02/28/03
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification provides incremental funding in the amount of \$389,675.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED JUN 24 2003

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0004

Lead PR Number: PR-R4-03-10155

Summary Information

Title: Superfund Analytical Suport
Period of Performance: From: 03/01/03
To: 02/29/04
Award Date: 02/28/03
Total Funding: \$1,359,675.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	F0R173	03	T	72F	50102D	HQ00LA00		2505	\$389,675.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - F0R037	Estimated Cost	
	Fixed Fee	
Total:		\$185,000.00
FY2003 - F0R058	Estimated Cost	
	Fixed Fee	
Total:		\$185,000.00
FY2003 - F0R086	Estimated Cost	
	Fixed Fee	
Total:		\$200,000.00
FY2003 - F0R111	Estimated Cost	
	Fixed Fee	
Total:		\$400,000.00
FY2003 - F0R173	Estimated Cost	
	Fixed Fee	
Total:		\$389,675.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Document Hours was modified.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0003	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10131		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 21	
			10B. DATED (SEE ITEM 13) 02/28/03	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification provides incremental funding in the amount of \$200,000.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED MAY 19 2003

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0003

Lead PR Number: PR-R4-03-10131

Summary Information

Title: Superfund Analytical Suport
Period of Performance: From: 03/01/03
To: 02/29/04
Award Date: 02/28/03
Total Funding: \$970,000.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P /
Base	F0R086	03	T	72F	50102D	HQ00LA00		2505	\$200,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - F0R037	Estimated Cost	
	Fixed Fee	
Total:		\$185,000.00
FY2003 - F0R058	Estimated Cost	
	Fixed Fee	
Total:		\$185,000.00
FY2003 - F0R086	Estimated Cost	
	Fixed Fee	
Total:		\$200,000.00
FY2003 - F0R111	Estimated Cost	
	Fixed Fee	
Total:		\$400,000.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Document Hours was modified.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10109	5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (if other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 21
			10B. DATED (SEE ITEM 13) 02/28/03
CODE FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<p><input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>			
12. ACCOUNTING AND APPROPRIATION DATA (if required) See the section, Accounting/Appropriation Data, in the attachment on Page 2.			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.			
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A		
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).		
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:		
X	D. OTHER (Specify type of modification and authority) FAR52.232-22 "Limitation of Funds"		
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) This modification provides incremental funding in the amount of \$400,000.			
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED APR 08 2003
(Signature of person authorized to sign)			
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105 STANDARD FORM 30 (REV 10-83) Prescribed by GSA FAR (48 CFR) 52.243	

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0002

Lead PR Number: PR-R4-03-10109

Summary Information

Title: Superfund Analytical Suport
Period of Performance: From: 03/01/03
To: 02/29/04
Award Date: 02/28/03
Total Funding: \$770,000.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	F0R111	03	T	72F	50102D	HQ00LA00		2505	\$400,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - F0R037	Estimated Cost	
	Fixed Fee	
	Total:	\$185,000.00
FY2003 - F0R058	Estimated Cost	
	Fixed Fee	
	Total:	\$185,000.00
FY2003 - F0R111	Estimated Cost	
	Fixed Fee	
	Total:	\$400,000.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Document Hours was modified.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10090	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 21 10B. DATED (SEE ITEM 13) 02/28/03
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$185,000.00 is hereby added. This brings the total incremental funding to \$370,000.00. The contractor shall not exceed the current funding level of \$370,000.00.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED MAR 13 2003

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0001

Lead PR Number: PR-R4-03-10090

Summary Information

Title: Superfund Analytical Suport
Period of Performance: From: 03/01/03
To: 02/29/04
Award Date: 02/28/03
Total Funding: \$370,000.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	F0R058	03	T	72F	50102D	HQ00LA00		2505	\$185,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - F0R037	Estimated Cost	
	Fixed Fee	
	Total:	\$185,000.00
FY2003 - F0R058	Estimated Cost	
	Fixed Fee	
	Total:	\$185,000.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

Procurement Management Roles

The following item(s) have been added:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: DANIEL N. ADAMS
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8819
Fax Number:
E-Mail Address:

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0001

Lead PR Number: PR-R4-03-10090

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: FRANK R. ALLEN
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8808
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ALAN G. AUWARTER
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8704
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: DEBORAH A. COLQUITT
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8804
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ROBERTA HOWES
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8813
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ARCHIE L. LEE
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8623
Fax Number:
E-Mail Address:

Superfund Analytical Support

Contract: 68-W-01-009, Task Order: 0021, Mod: 0001

Lead PR Number: PR-R4-03-10090

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: DENNIS G. REVELL
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8807
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: HERBERT L. REVELLS
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8840
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: JENNY L. SCIFRES
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8812
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: JOHN W. THOMASON
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8771
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: FRANCINE VANCURON
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8822
Fax Number:
E-Mail Address:

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021, Mod: 0001

Lead PR Number: PR-R4-03-10090

Attachments

The following item(s) have been modified:

Document Hours was modified.

Document Invoice Approval Authority was modified.

Invoice Approval Authority

Contract: 68-W-01-009, Task Order: 0021, Mod: 0001

Lead PR Number: PR-R4-03-10090

Notwithstanding the appointment of Alternate Task Order Project Officers, only the Contract level Project Officer and Alternate shall have invoice approval authority.

ORDER FOR SUPPLIES OR SERVICES	PAGE OF PAGES
IMPORTANT: Mark all packages and papers with contract and/or order numbers.	

1. ORDER NO. 0021		2. CONTRACT NO. (If any) 68-W-01-009		6. SHIP TO:	
3. ORDER NO. 0021		4. REQUISITION/REFERENCE NO. PR-R4-03-10080		a. NAME OF CONSIGNEE MICHAEL H. BIRCH, TOPO	
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV		b. STREET ADDRESS COLLEGE STATION RD		c. CITY ATHENS	
7. TO:		d. STATE GA		e. ZIP CODE 30613	
a. NAME OF CONTRACTOR INTEGRATED LABORATORY SYSTEM		f. SHIP VIA		8. TYPE OF ORDER	
b. COMPANY NAME		<input type="checkbox"/> a. PURCHASE REFERENCE YOUR:		<input checked="" type="checkbox"/> b. TASK -- Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
c. STREET ADDRESS P.O. BOX 13501		Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet. If any, including delivery as indicated.			
d. CITY Research Triangle Park		e. STATE NC		i. ZIP CODE 27709	
j. ADDRESSING AND APPROPRIATION DATA See Attached		10. REQUISITIONING OFFICE Same as Block 6			

11. BUSINESS CLASSIFICATION (Check appropriate box(es))			
<input checked="" type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN OWNED
12. F.O.B. POINT Same as Block 6		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)
13. PLACE OF		16. DISCOUNT TERMS N/A	
a. INSPECTION Same as Block 6	b. ACCEPTANCE Same as Block 6		

17. SCHEDULE (See reverse for Rejections)						
ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	See Attached					
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h). TOT. (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME Environmental Protection Agency						17(i). GRAND TOTAL
b. STREET ADDRESS (or P.O. Box) Research Triangle Park Financial Management Center (D143-02)						
c. CITY Research Triangle Park						
		d. STATE NC	e. ZIP CODE 27711		\$1,452,636.00	

22. UNITED STATES OF AMERICA BY (Signature)	23. NAME (Typed) CHARLES K. HAYES TITLE: CONTRACTING/ORDERING OFFICER
---	--

2/28/03

Superfund Analytical Suport

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

Summary Information

Title: Superfund Analytical Suport
Period of Performance: From: 03/01/03
To: 02/29/04
Award Date:
Total Funding: \$185,000.00

Accounting/Appropriation Data

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P /
Base	F0R037	03	T	72F	50102D	HQ00LA00		2505	\$185,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - F0R037	Estimated Cost	
	Fixed Fee	
	Total:	\$185,000.00

Redacted
Exemption 4, CBI

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: MICHAEL H. BIRCH
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8552
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: LINDA P. KIDD
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8623
Fax Number:
E-Mail Address:

Attachments

Attachment Name

WORK ORDER SOW

Hours

Invoice Approval Authority

Subcontractor Consent

Name	Type	Amount
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$301,745.00

Task Order Totals

Category	POP	Amount
Estimated Cost	Base Pd.	
Fixed Fee	Base Pd.	

Redacted
Exemption 4, CBI

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

**Statement of Work
Task Order No. 21
Superfund Analytical Support
Period of Performance 3/1/2003 - 2/29/2004
January 10, 2003 (8:28PAM)**

PURPOSE

The purpose of this Task Order (TO) is to provide Superfund analytical support to the EPA Region 4 Science Ecosystem Support Division (SESD). The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) **Task Area I, Analytical Support** and **Task Area III: Analytical Logistical Support**. See Attachment 1 Estimated Number of Samples and Analysis for Region 4's expected number of requests for each Task listed below.

STATEMENT OF WORK:

The contractor shall provide analytical chemistry, biological, field sampling and analytical support to EPA at the Agency's regional laboratory facilities and at specified field locations using mobile laboratory(ies) and/or field based analytical methods.

The contractor shall comply with all SESD SHEMP health and safety, environmental, waste handling and other applicable SESD work rules while conducting on-site or off-site functions. The contractor shall also follow Good Automated Laboratory Practices for all analytical work required by this TO. Upon issuance of this TO, the Task Order Project Officer (TOPO) will provide the contractor with applicable requirements. The contractor shall become familiar with all applicable standard operating procedures (SOPs) referenced in and accompanying the TO.

The contractor shall notify the TOPO immediately if it encounters any equipment failure that cannot be readily remedied by the contractor or technical problems that may impact the quality or on-time delivery of deliverables, or if any required equipment or supplies are unavailable to accomplish required work under this TO.

TASK 1: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each task under this TO, including each site-specific project, in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5. Program management costs shall be identified from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with monthly reports of the above-referenced data.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this Task through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate, complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor revise its QMP and QAPP to reflect any new changes in operation or new requirements or implement an EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2 and requirements outlined in EPA QA-R5.

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

The contractor shall implement or revise an existing Health and Safety plan as needed to assure that all requirements specified above are addressed.

Deliverables:

The contractor shall submit to the PO/TOPO all reports defined in the SOW (Attachment 2, Reports of Work Page 2-1 of 5) and monthly status reports under this TO.

The contractor shall submit to the PO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.

Task 2: Environmental Sample Analysis:

The contractor shall prepare and/or analyze environmental samples consisting of a variety of media for chemical contaminants including, but not limited to, pesticides/PCBs, volatiles and semivolatile organic compounds; cyanide, metals, nutrients and other inorganic analytes.

The TOPO shall assign the analysis of each batch of samples covering a specific project and other analytical support activities through the issuance of a TDF. The TDF will specify the number and identity of samples requiring analysis, the analytical methodologies to be used and a schedule for analysis and submission of deliverables.

The Contractor shall perform the following activities in accordance with the most current guidance documents: Environmental Investigations Standard Operating Procedures and Quality Assurance Manual (EISOPQAM), Analytical Support Branch Operations and Quality Control Manual, and Ecological Assessment Branch Standard Operating Procedures. These documents are available through the Internet at the following address:
http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall perform all extractions, analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs. The contractor shall also prepare all analytical standards required for the sample analysis.

The contractor shall maintain logbooks and worksheets in accordance with good laboratory practices and complete all documents and recordings as required by the analytical SOP. The contractor shall archive sample extracts in the designated areas, upon completion of the analysis of each batch of samples, and archive the data on electronic media, when required by storage capacity, in accordance with the appropriate SOPs.

The contractor shall track the progress of completion of each analytical project by updating the QA/QC status of the samples in the Region 4 Laboratory Information Management System (R4LIMS) to track sample preparation (number of samples), analysis and data reduction and submission of deliverables.

The contractor shall perform other analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment. These activities include the analysis of performance evaluation and other QA-related samples; the evaluation of instrumentation, software, and methodologies; the review, preparation or revision of analytical SOPs; and other analytical-related support tasks.

Deliverables: The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other analytical support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF.

Task 3: Biological Support:

The contractor shall perform the following biological activities listed in **B. Biological Support:** of the contract SOW in accordance with the latest U.S. EPA Region IV Ecological Assessment Branch Standard Operating Procedures, and Region IV Standard Operating Procedures for Toxicity Testing Hazardous Waste Assessments.

The contractor shall provide acute and chronic toxicity tests with Ceriodaphnia, fathead minnows, lettuce, earth worms,

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

amphipods, algal, Microtox, and/or other organisms on samples collected at Superfund or other sites. Perform activities necessary for the culturing and maintenance of biological test organisms to assure an adequate, viable supply of the organisms for biological/microbiological testing at the EPA Regional laboratory. The contractor shall obtain new test organisms in order to maintain existing laboratory cultures. Perform culturing activities in accordance with established, approved or regulated methodologies and laboratory SOPs specified in the TO or through TDFs. Collect bioassay samples and/or organisms at specified sites. Perform on-site toxicity testing, algal growth potential and other bioassessment procedures, or endangered species assessments.

The contractor will be tasked to develop documents that include screening assessments, problem formulation sampling and analysis plans and quality assurance project plans and risk characterizations for ecological risk assessment.

The contractor will be required to collect biological samples such as mussels, crabs, fish, reptiles and amphibians at Superfund sites. This would also include sample processing such as tissue homogenization and sample shipping.

The contractor will provide analysis of soils/sediments for particle size analysis, total organic and inorganic matter, total organic carbon and other physical/chemical parameters.

The contractor shall perform other analytical/biological support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment.

The contractor shall develop and implement a site work plan detailing required field activities, including sample collection and testing, test organism identification and examination, sample preparation and packaging, chain-of-custody requirements, and decontamination procedures per the TO or as issued in the TDF.

The contractor shall perform QA/QC analysis with all the above mentions analytical and field tasks.

Deliverables:

The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other biological support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF. The contractor shall submit any revised SOPs with the test report.

The contractor shall perform the culturing and maintenance of biological test organisms including QC to assure an adequate, viable supply of the organisms for biological testing.

The contractor shall obtain new test organisms in order to maintain existing laboratory cultures.

The contractor shall provide forms and laboratory log books for all recordings including QA/QC documentation required by the SOPs and TDFs, and daily calibration of laboratory instruments.

The contractor shall provide monthly reports and related QC for Standard Reference Toxicity Tests (chronic and acute). Raw and QC data shall be included in the reports as specified in the SOPs, TOs or TDFs.

Task 4: Field/Warehouse Support:

The contractor shall provide support as listed in C. Field Analytical Support, Field Warehouse Operations Support, and pertinent Task Area III, Analytical Logistical Support in the contract SOW. The contractor shall perform the following field activities in accordance with the previous reference guidance documents.

- Provide decontamination/cleaning of field equipment, analytical instruments, as well as sample container preparation to meet with QA/QC checks and requirements.
- Provide field investigation vehicle loading/unloading support. Receives equipment load out requests and insures that field sampling and testing equipment is cleaned and prepared for use to meet with QA/QC requirements. Includes maintenance of batteries and battery shed.
- Maintain Field Equipment Center (FEC) in a neat and organized manner and track the inventory of supplies in a computer database for tracking consumables for field projects.
- Provide routine field and laboratory instrument/operator maintenance incidental to other assigned tasks including log in of maintenance and calibration records.

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

- Setup and perform QC checks to verify calibrations on new field sampling and field analytical equipment to assure that equipment is operating according to vendor specifications, assist in configuring equipment to accomplish field analytical tasks.
- Provide field and analytical support. Conduct pH, DO, turbidity, temperature, conductivity, water level measurements and similar testing and air monitoring. Collect and preserve water, soil/sediment, waste, and leachate samples for subsequent chemical analysis. The contractor shall perform other field analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of field equipment
- Precisely locate and document sampling sites and features at hazardous waste and other sites. GPS coordinates are collected and provided to EPA's GIS Section for inclusion in the GIS program.
- Provide field sampling support by operating EPA drill rig equipment and other specialized equipment as specified in the contract SOW.
- Provide Field Analytical Screening Project (FASP) analysis support. Support will include conducting a variety of organic and inorganic chemical analyses using equipment listed in the SOW Attachments 3, 4, 5. Analytical support may be provided at both fixed and field laboratory sites.
- Provide for operation, management, and maintenance of mobile laboratories listed in the GFP.
- Develop field investigation Work Plan for all support activities and submit to EPA for review and approval as requested in the TDF.
- Process and enter analytical data and its associated location information into a GIS or EMAP environmental system, necessary to display analytical data source maps and tables. Generate source maps using ARCINFO, AUTOCAD, or other commercially available software.
- Generate and/or distribute chain-of-custody documentation, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite);
- Package and ship field samples, including document management, and return coolers.

Frequent travel within Region IV is required. The contractor will coordinate with Project Leaders for transportation to site via GOV or GFP. Site visits may include documentation of field collection efforts, sampling locations, and methodologies to determine if technical comments provided in site-specific work plans are followed and incorporated into subsequent deliverables. The contractor shall prepare detailed records of all such activities. In all instances, the contractor shall identify themselves as employees of ILS/ManTech.

Deliverables: The contractor shall prepare and submit reports associated with the above list of tasks as per F.

Deliverables in the contract SOW, appropriate regional TO/SOPs or as issued through the TDF. Computer reports will be provided for ordering of consumables and items consumed for field projects.

Task 5: Routine Instrument Maintenance:

The contractor shall perform routine analytical laboratory instrument set up and maintenance activities required for the analysis of samples assigned under this TO. The TOPO shall assign routine set up and maintenance of instrumentation, not completed in connection with the contractor's analysis of samples, through the issuance of a TDF, which will specify the nature of the tasks and schedule for completion.

Deliverables: The contractor shall prepare and submit a report to the PO and TOPO outlining the activities completed and difficulties encountered for tasks assigned through each TDF within five (5) days of completion.

Task 6: Technology Transfer:

The contractor shall provide information to EPA personnel for the purpose of transferring knowledge of a specific analytical or QA technique or technology obtained in performing work under the ESAT contract, and attend conferences or meetings, in accordance with Task Area V of the contract Statement of Work (SOW). The TOPO will issue TDFs to the contractor specifying the information required and the schedules for completion.

Deliverables: The contractor shall prepare and deliver to the PO and TOPO a summary of information provided under each TDF within five (5) days of completion.

Task 7: Training:

The contractor shall attend vendor-specific training in new technologies or specialty equipment/instruments and other EPA-specific training relating to the analysis of environmental samples, in accordance with Task Area V of the contract SOW. This may include training related to analytical instrumentation, field sampling technology, quality assurance, software or other related material. All training shall be performed only upon prior issuance of a TDF, specifying the

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

nature of and schedule for training.

Task 8: Sample Custodian and File Manager:

The contractor shall perform sample custodial duties at SESD for Superfund environmental samples in accordance with the SOPs specified above. The contractor shall receive FASP environmental samples arriving at the laboratory, and upon receipt, log the samples into the R4LIMS and refrigerator/ freezer log and store the samples in the appropriate refrigerators, freezers, or shelves for air canisters. The contractor shall generate and/or distribute chain-of-custody, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite). Tracking, packaging, and shipping samples; and the return of coolers to the FEC will be requested.

The contractor shall perform support activities relating to the disposal of environmental samples in accordance with the Sample Disposition and Disposal SOP in the SHEMP Manual. These activities include the storage of analyzed samples in the appropriate refrigerators, tracking of samples due for disposal, obtaining reports for samples to be disposed of, filing of the sample disposal sheets after sign-off by the site project officer, and notification of designated EPA personnel that samples are ready for disposal.

Deliverables: The contractor shall submit to the PO and/or TOPO completed forms and document inventories, in accordance with SOP requirements.

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

Attachment 1 Contract # 68-W-01-009 Year 3

Listed below is EPA estimates for the various task areas during the performance period of this Task Order.

Organic Analyses

Type Organic Analyses	Superfund Program
VOA (Prep)	250
VOA Analysis	300
Encore Analysis	100
PEST Analysis	700
PEST (DDTRS)	40
BNA	25
Total Organic Support	1415

Extractions Year 3

Extractions	Superfund Program
Semivolatiles or BNA	500
Pesticides/PCB	800
Total Extractions	1300

Air Support Year 3

Air Support Areas	Superfund Program
PUF/XAD	100
PUF/XAD (Cleaned)	100
Cut Hi Vol Filters	100
Total Air Support	300

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

FASP Analyses Year 3

Type FASP Analyses	Superfund Program
FASP (XRF/Niton) Site Support	10 sites 600 samples
FASP (Sulfide)	50
FASP (DO)	50
FASP (Fe+2)	50
FASP (Hardness)	25
FASP (Alkalinity)	50
FASP Mercury	30
Total FASP Support	265

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

Inorganic Analyses Year 3

Type Inorganic Analyses	Superfund Program
Metals Digestion	650
Percent Moisture	450
Mercury	450
Cyanide	50
Turbidity	150
TCLP	10
Total Phosphorus	80
TDS	20
TSS	35
TOC/DOC	35
Pipette Calibrations	210
Nitrate-Nitrite	75
Sample Disposals	2,400
Digestate Disposals	2,400
Total Inorganic Analyses	7015

WORK ORDER SOW

Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

Field Analytical Support Year 3

Field Analytical Support Areas	Superfund Program
Site Visits w/on-site support provided	60
Site Visits w/FORMS support provided	50
Items Deconned	12,000
Load-Ins	60
Load-Outs	60
Pick-up/Deliveries	200
Vehicles Deconned	130
Batteries Charged	250
Total Field Analytical Support	12810

Biology Support Year 3

Biology Support	Superfund Program
Ecological Field Recon Site Visits	3
Macroinvertebrate Sorting and ID	2
Samples for Toxicity Testing	30
Samples for Laboratory Bioaccumulation Testing	30
Ecological Risk Assessment Document Preparations	2
Biological Field Collections	5
Laboratory Biological Support (tissue grinding)	8
Ecological Document Reviews	6
Total Biology Support	86

Invoice Approval Authority

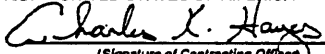
Contract: 68-W-01-009, Task Order: 0021

Lead PR Number: PR-R4-03-10080

Notwithstanding the appointment of Alternate Task Order Project Officers, only the Contract level Project Officer and Alternate shall have invoice approval authority.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 20	
			10B. DATED (SEE ITEM 13) 12/31/02	
CODE FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<p>[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>				
12. ACCOUNTING AND APPROPRIATION DATA (If required) See the section, Accounting/Appropriation Data, in the attachment on Page 2.				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A			
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"			
E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible) This modification adds incremental funding in the amount of \$223,266 which fully funds the task order ceiling in the amount of \$258,266.				

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR <div style="border-top: 1px solid black; width: 100%;"></div> <small>(Signature of person authorized to sign)</small>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <div style="border-top: 1px solid black; width: 100%;"></div> <small>(Signature of Contracting Officer)</small>	16C. DATE SIGNED JAN 28 2003

Analytical Support PM2.5

Contract: 68-W-01-009, Task Order: 0020, Mod: 0001

Summary Information

Title: Analytical Support PM2.5
Period of Performance: From: 01/01/03
To: 02/28/04
Award Date: 12/31/02
Total Funding: \$258,266.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	PM3008	03	ELC	53P2	10102APM	00000000		4183	\$223,266.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - PM3003	Estimated Cost	
	Fixed Fee	
Total:		\$35,000.00
FY2003 - PM3008	Estimated Cost	
	Fixed Fee	
Total:		\$223,266.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER DEC 31 2002		2. CONTRACT NO. (If any) 68-W-01-009		6. SHIP TO:	
3. ORDER NO. 0020		4. REQUISITION/REFERENCE NO. PR-R4-03-10051		a. NAME OF CONSIGNEE MICHAEL H. BIRCH, TOPO	
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV				b. STREET ADDRESS COLLEGE STATION RD	
7. TO:				c. CITY ATHENS	d. STATE GA
				e. ZIP CODE 30613	
a. NAME OF CONTRACTOR INTEGRATED LABORATORY SYSTEM				f. SHIP VIA	
b. COMPANY NAME				8. TYPE OF ORDER	
c. STREET ADDRESS P.O. BOX 13501				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. TASK - Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY Research Triangle Park	e. STATE NC	f. ZIP CODE 27709	Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.		
9. ASSUING AND APPROPRIATION DATA See Attached			10. REQUISITIONING OFFICE Same as Block 6		

11. BUSINESS CLASSIFICATION (Check appropriate box(es))

<input checked="" type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN OWNED
12. F.O.B. POINT Same as Block 6		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)
13. PLACE OF		16. DISCOUNT TERMS N/A	
a. INSPECTION Same as Block 6	b. ACCEPTANCE Same as Block 6		

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	See Attached					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h). TOT. (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME Environmental Protection Agency						17(i). GRAND TOTAL \$258,266.00
b. STREET ADDRESS (or P.O. Box) Research Triangle Park Financial Management Center (D143-02)						
c. CITY Research Triangle Park						
				d. STATE NC	e. ZIP CODE 27711	

22. UNITED STATES OF AMERICA BY (Signature)

Charles K. Hayes

23. NAME (Typed)

CHARLES K. HAYES

TITLE: CONTRACTING/ORDERING OFFICER

Analytical Support PM2.5

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

Summary Information

Title: Analytical Support PM2.5
Period of Performance: From: 01/01/03
To: 02/28/04
Award Date:
Total Funding: \$35,000.00

Accounting/Appropriation Data

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	PM3003	03	ELC	53P2	10102APM	00000000		4183	\$35,000.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2003 - PM3003	Estimated Cost	
	Fixed Fee	
Total:		\$35,000.00

Redacted
Exemption 4, CBI

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: MICHAEL H. BIRCH
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number:
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: LINDA P. KIDD
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8731
Fax Number:
E-Mail Address:

Deliverable Items

SCHEDULE FOR LOCATION:

Attachments

Attachment Name

PM2.5 Statement of Work
Hours & Fee Billing
Invoice Approval Authority

Analytical Support PM2.5

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

Subcontractor Consent

Name	Type	Amount
-----	-----	-----
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$115,775.00
BRACK ROWE	Firm Fixed Price	\$ 13,442.00

Task Order Totals

Category	POP	Amount
-----	-----	-----
Estimated Cost	Base Pd.	Redacted Exemption 4, CBI
Fixed Fee	Base Pd.	

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

ESAT Task Order Document No. 20 Analytical Support
PM_{2.5} FRM Performance Evaluation Program Field/Laboratory Support Services
Period of Performance 1/1/2003 - 2/28/2004
December 10, 2002 (3:35PM)

PURPOSE

The purpose of this Task Order (TO) is to continue the Federal Reference Method (FRM) performance evaluation on established ambient air field instruments used to monitor particulates with an aerometric diameter of 2.5 microns or less (PM_{2.5}).

The contractor shall perform and provide field support to EPA Region 4 and laboratory support services to the EPA Region 1, 2, 3, 4, 6 or other government entities under the provisions of the Statement of Work (SOW) Task Area I, Section A, C, D and E, Task Area III, Task Area IV, Task Area V and other applicable support functions, including equipment maintenance and repair and health & safety and environmental compliance activities outlined in the SOW and Standard Operating Procedures (SOP) listed later in this document. The Contractor shall perform site or project specific work as described below or on Technical Direction Forms (TDFs) at any time during the duration of the TO. The contractor shall prepare and perform quantitative analyses of samples as described in the contract SOW (Task Area I, Section A, C, D and E). In addition, the contractor shall manage and control sample log-in, sample tracking, chain-of-custody, maintain databases, prepare bench sheets, prepare backlog reports and track sample analysis projections for the analyses ordered by this task order or subsequent TDFs for samples received from field activities in EPA Regions 1, 2, 3, 4, 6 or other government agencies. This function is described in the contract SOW Task Area III.

The contractor shall provide all labor, equipment (accept on GFP list), maintain all equipment, consumables, supplies, and material necessary to accomplish the task order. See the section on SOPs and Guidelines Available to the Contractor.

STATEMENT OF WORK:

TASK 1: Task Order Management:

The contractor shall track the status of tasks and labor hours and charges for each task under this TO, including site-specific projects, in accordance with an SOP to be submitted by the contractor for EPA approval. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with reports of the above-referenced data at a minimum of monthly.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO and Attachment 2 of the contract SOW through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate and complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall implement its quality assurance program in accordance with its EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2. The contractor shall prepare a Quality Assurance Project Plan (QAPP) according to the requirements outlined in EPA QA-R5 for activities under this TO involving environmental measurements within the time frames specified in the approved Work Plan for this TO or utilized a QMP & QAPP

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

previously approved. The contractor shall revise its QMP and QAPP to meet appropriate changes in its operations. or in accordance with task requirements or as required by EPA through the issuance of a TDF.

The contractor shall implement or follow an approved health and safety program in accordance with its Health and Safety Plan and all applicable Federal, state, and local laws and regulations and EPA facility work rules. The contractor shall revise its Health and Safety plan as needed to assure that all requirements specified above are addressed.

Deliverables:

The contractor shall submit to the Contracting Officer (CO), PO, and TOPO an SOP for tracking activities under this task with the TO Work Plan for EPA approval.

The contractor shall submit to the PO and TOPO reports of the status of tasks and costs under this TO. The reports shall be submitted on a weekly basis for the preceding week period or an agreed upon frequency.

The contractor shall submit to the PO and TOPO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO. The contractor shall submit to the PO and TOPO any revisions to its QMP and QAPP, in accordance with task requirements and TDFs issued by EPA.

The contractor shall submit to the PO and TOPO a Health and Safety Plan or modifications to a previously approved plan within the time frame specified in the approved Work Plan for this TO.

TASK 2: Field Implementation Support:

The contractor shall perform all field activities utilizing the field methods, as specified in the SOPs listed at the end of this task, under the heading, "Documentation." A brief description of the field activities is given below:

- ▶ The contractor shall ensure that all personnel performing work under this task have received appropriate training and have been certified by EPA to perform field activities under this task. Details concerning training and certification are provided in Task 7 of this TO.
- ▶ The contractor shall receive sample filters from the National Filter Distribution Program and store them appropriately until use.
- ▶ The contractor shall transport a portable PM_{2.5} Federal Reference Method (FRM) performance evaluation sampling device to an established PM_{2.5} site, assemble the instrument, collocate the sampler, perform verifications (calibration, if necessary,) install a filter and operate the instrument at the same 24-hour sampling mode (midnight to midnight) as the routine instrument. If scheduling allows, the operator will leave this location to set up an additional 24-hour performance evaluation sampling device (midnight to midnight) at another routine sampling location. If the schedule does not allow for another set up, the operator may perform additional activities specified in the TO or TDF. The contractor shall return to each site after the 24-hour sampling time, download the stored electronic monitoring data and record any additional required field information, remove and properly store the filter for transport, and disassemble the instrument. The contractor shall properly package the filter, the appropriate electronic data and hardcopy forms for transport to the pre-determined EPA Regional laboratory.

Field sites and tasks at those sites will be assigned to the contractor for field support by means of TDFs issued and approved by the TOPO and PO. The contractor may be required to attend meetings or conference calls with the TOPO and state personnel for planning and coordinating field activities. All work shall be completed in accordance with the instructions of the TDFs, including all referenced SOPs and documentation. No deviations from the required work or SOPs, instructions, or other procedures specified in TDFs, shall be made without prior receipt of alternate technical direction issued in accordance with the contract.

As part of the routine field activities associated with set up of the portable PM_{2.5} FRM performance evaluation sampling device, the contractor shall make observations of the physical characteristics of the monitoring location and fill out a "Site Evaluation Checklist." The contractor should note that each monitoring location will be visited four times annually. The checklist is required for each visit. Photographs may be required.

The contractor shall perform field QA/QC related activities as associated with this task, such as testing and calibration of samplers and ancillary equipment, calibrations, collocations, implementing field blanks, review of field data, entry of

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

data into logbooks, preparation of chain-of-custody reports and deliverables, as specified in TDFs.

It is anticipated that the above field activities shall be performed at approximately forty three (43) sites (169 site visits) throughout Region 4 on an annual basis. See Attachment PM2.5 Federal Reference Method Performance Evaluation Schedule for 2003 sites. Quarterly collocation studies of each of eight samplers shall be performed in accordance with the above-referenced requirements for an approximate three-day period.

Documentation:

SOPs and Guidelines Available to the Contractor:

ESAT shall perform activities under this task in accordance with the methods described in the following documents, except when alternative procedures are specified in TDFs:

- ▶ PM_{2.5} FRM Performance Evaluation Program for Field Standard Operating Procedures
This SOP pertains to the following subject areas:
 - site visit scheduling
 - equipment inventory and maintenance
 - filter receipt (from lab)/ storage/tracking
 - chain-of-custody
 - calibration/verification
 - monitor set-up/filter installation
 - filter removal/storage/shipping
 - data download/storage/transfer
 - QA/QC
 - monitor disassembly/packing
 - documentation /filing/records
- ▶ PM_{2.5} FRM Performance Evaluation Program Laboratory Standard Operating Procedures
- ▶ Implementation Plan: PM_{2.5} Federal Reference Method Performance Evaluation Program
- ▶ Quality Assurance Guidance Document 2.12: Monitoring PM_{2.5} in Ambient Air Using designated Reference or Class I Equivalent Methods
- ▶ PM_{2.5} FRM Performance Evaluation Program Quality Assurance Project Plan
- ▶ Monitor-specific operating manuals

Each of the documents listed above is available through the Internet at the following address:

www.epa.gov/ttn/amtic/pmqa.html

Deliverables

The contractor shall submit interim and/or final deliverables as specified below for each assigned project:

Filters and appropriate data, field forms, and chain of custody forms shall be completed in accordance with the instructions contained in the above-referenced SOPs and shipped within eight (8) hours of filter retrieval via overnight delivery service to the EPA Region 4 laboratory facility, or as specified in TDFs. A field package consisting of electronic sampler data, field sheets, field notes (copy), and chain-of-custody forms (copy) shall be delivered to the PO and TOPO. Documentation to be included in the deliverables package may be specific to the site or the support requested and will be detailed in the TDFs or referenced SOPs. Contractor personnel must sign and date all field sheets, field logbooks, and chain-of-custody forms.

On a weekly basis, the contractor shall submit to the PO and TOPO a field status report, indicating the work completed during the prior week. In addition, the report should note any problems found with implementation, equipment, or supplies during the week.

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

A completed "Site Evaluation Checklist" should be submitted to the TOPO within two weeks of the site reconnaissance.

Any photographs requested should be submitted to the TOPO within two weeks of the site reconnaissance. Each photograph must be clearly identified with the date and time the photo was taken, the monitoring location depicted in the photo, and the view represented in the photo. The contractor should carefully store all photographic negatives, so that additional prints may be supplied if requested by EPA.

The contractor shall provide and maintain the consumable inventory and all equipment provided in the GFP attachments of the contract SOW. The consumables are referenced in the following sections of

FRM PEP field SOP Section 2, Table 2-1
PEPF-2.01

Impactor Oil
Impactor filters (37 mm diameter glass fiber)
Min/Max Thermometers
Cold Packs (ice substitutes)
electric Transport coolers
Silicone grease
Cellular phones
Wooden Shims for leveling the samplers
Tools box with assorted tools, screws, nuts and bolts, measuring tapes (metric)
Flashlight batteries
Tie down cables/cords, etc..
Tie wraps
Duct tape
Hand calculator
Spare O-rings
Spare sampler batteries
Fuses
Spare in-line filters
Spare impactor(s)
Low-lint lab wipes
Antistatic 9"x12" bags
Soft brush
Deionized water
Isopropyl alcohol
Penetrating oil
Lint-free pipe cleaners
Safety in, dental picks
Lint-free cotton-tip swabs

PM2.5 Task 3 Laboratory Analysis Support

In support of the FRM Performance Evaluation Program the contractor shall prepare sample filters and perform gravimetric analyses of approximately 1657 particulate filters during the period of 1/01/2003 through 1/31/2003, utilizing the analytical methods specified in the SOPs and the Quality Assurance Plan, indicated in the Purpose. Analyses may also include QA/QC samples. See Attachment Two PM2.5 Eastern Region, Projected Filter Use for 2003. All work is to be completed in accordance with the SOPs and any modifications specified by TDF. **The contractor shall perform all laboratory activities utilizing the laboratory methods as specified in the SOPs for this activity.**

- ▶ The contractor shall ensure that all personnel performing work under this TO have received appropriate training and have been certified to perform laboratory activities under this Task. Details concerning training and certification are provided in Training section of this Task Order.

Pre-sampling Activities

- ▶ Filters will be received from EPA by on the schedules as supplied by the Regions and examined for integrity based upon EPA approved SOPs.
- ▶ Filters will be equilibrated and weighed according to SOPs, and entered into the PE database.
- ▶ Filters will be prepared for field activities or stored according to SOPs.

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

- ▶ The laboratory will develop and maintain an inventory of shipping supplies which would include containers, cold packs, max/min thermometers, and chain-of-custody requirements/documentation.
- ▶ Filters will be received in the laboratory, checked for integrity (damage, temperature, etc.) and logged in.
- ▶ Filters will be maintained in the weighing lab until needed to fill a request.
- ▶ Filter batches will be equilibrated for a minimum of 24-hours (per SOPs).
- ▶ Filters will be weighed according to SOPs and data entered.

Post-Sampling Activities

- ▶ Filters will be refrigerated ($\leq 4^{\circ}\text{C}$) until an appropriate number is ready for batching.
- ▶ Filter batches will be brought into weighing facility and equilibrated for a minimum of 24-hours (per SOPs).
- ▶ Filters will be weighed according to SOPs and data entered.
- ▶ Field/lab data will be entered into data entry system in order to calculate a concentration.
- ▶ Required data will be transferred to the AIRS database.
- ▶ Filters will be stored in archive for one year at 4°C and two years at ambient room temperature.

The contractor shall perform QA/QC related activities as associated with this task, such as calibrations, implementing blanks, duplicates, and QC checks, review of data and control charts, logbooks, chain-of-custody reports and deliverables.

Deliverables for Laboratory Support:

Sample filters will be delivered to the proper holding area or analyst as specified. Lab bench sheets/entry forms must be delivered and must indicate all appropriate procedures, weights, volumes, and standards used (lot numbers, traceability of standards must be in lab notebooks), times started and completed. The contractor personnel must sign and date all bench sheets or lab notebooks as specified in the SOPs.

After completion of a sample batch, the contractor shall submit the completed preparation or analysis record package to the TOPO. Documentation to be included in the deliverables package will be as specified in the SOPs.

Upon receipt of samples, the contractor will inform the TOPO of any problems with sample integrity, sample condition, or accompanying sample paperwork. The TOPO will evaluate the problem and provide alternate technical direction, if needed.

On a weekly basis, submit to the TOPO, a lab status report for samples, indicating the work completed, work pending and estimated completion dates for active projects. In addition, note any problems found with equipment or supplies during the week.

For each batch of samples the submission of deliverables will be required as listed below:

Filters and accompanying field paperwork will be shipped directly to the laboratory by field personnel. Upon completion of a batch analyses, a laboratory package consisting of electronic sampler data, field sheets/notes, chain-of-custody forms and laboratory documentation shall be

The inventory of consumable equipment expected to be purchased by the contractor is listed in the following sections of the SOPs:

FRM PEP Lab SOP Section 3

PEPL-3.01

Chart paper and pens
cleaning supplies
Antistatic bags 3"x5' and 9"x12" re-closeable
Powder-free antistatic gloves
Polonium Strips
Petri-Slides
Staticide
Alcohol
Low-lint wipes
Diskettes
Tacky Mats
Printer Cartridges
AA batteries

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

Light table bulb

PM2.5 Task 4 QA/QC Support and Other Related Activities

The contractor shall perform the following QA/QC support and other related activities:

Filter Tracking- The contractor shall track filters shipped to and received from the field and track samples through the analytical process.

SOPs- As specified by the TDF or on an annual basis, the contractor shall review all SOPs guidance documents and protocols used by the contractor for the performance of work specified in the Laboratory and Field Support of this Task Order and provide comments.

In addition, the contractor shall be required to perform laboratory-related activities which are necessary to support EPA QA requirements consistent with this contract SOW such as analyses of QA/QC samples and statistical analyses of analytical results. Specific instructions will be given by TDF.

Deliverables for QA/QC Support and Other Related Activities:

The contractor shall submit to the PO and TOPO by December 31, 2003, or in accordance with a TDF, a list of any proposed changes to the field and laboratory SOPs and QAPPs. The list shall include the most recent date and version of the documents and the most recent date of review by the contractor.

The contractor shall submit to the PO and TOPO a weekly report of filter receipt and shipment for the prior week.

PM2.5 Task 5 Administrative Management Activities

This task order is a "buy-in" funded by OAQPS (103 Grant) monies. This task order's costs shall be tracked separately and the internal, administrative and management activities necessary to effectively perform the services required by this support shall be included in these costs. The contractor shall break out from their monthly activity report the description of work accomplished under this TO and deliver a copy of it to the PO.

Deliverable for Administrative:

Monthly financial and status reports shall be delivered to PO with the monthly contract reports.

Pm2.5 Task 6 Maintenance and Repair of Facilities and Equipment and Health & Safety and Environmental Compliance Activities

Laboratory Support:

The Contractor shall maintain the laboratory facility by performing routine instrument and equipment maintenance, calibrations and certifications (per SOP), cleaning and preparation of glassware and equipment, and sample custodial duties.

The Contractor shall fulfill all SHEMP health & safety and environmental compliance responsibilities related to the fixed or mobile laboratories, including inspection of fume hoods, attainment and maintenance of required certifications, maintenance of fire extinguishers, etc.

Field Support:

The contractor shall assure the availability of an appropriate vehicle(s) to perform all required activities of this Task Order. The contractor shall maintain the equipment, including the support vehicles, in road-ready condition to allow deployment for field projects on a continuous basis. Example activities include: maintenance and repairs to the vehicles such as tune-ups, tire, fluid and other routine checks; installation of instruments and gases; and electrical repairs. The contractor shall perform routine field instrument and equipment maintenance, calibrations, verifications and certifications, cleaning and preparation of equipment, and sample custodial duties, minor repairs and sampler overhauls in accordance with applicable SOPs. The contractor shall maintain a continuous repair and maintenance log for each portable sampler.

Deliverable for Maintenance, Health & Safety and Environmental Compliance Activities:

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

Laboratory maintenance and health and safety and environmental compliance shall be included in the monthly status reports.

The contractor shall keep a repair and maintenance log for each vehicle and portable sampler. On the 10th of each month, the contractor shall submit to the TOPO, a photocopy of the previous month's entries into the repair and maintenance log for each piece of equipment.

PM2.5 Task 7 Training:

The contractor shall ensure that all employees performing work under this TO have been provided any and all health & safety training required by law or regulation, or EPA regional policy.

EPA requires that all personnel performing laboratory work under this task order must receive specific training covering all aspects of the analytical work, including associated QA/QC activities. The contractor will be required to send all personnel anticipated to be assigned to this task order to one of the national training sessions. Upon successful completion of the training program, personnel will be certified to perform analytical work under this task order. No personnel may perform analytical work under this Task Order without prior certification by EPA.

In the event of personnel changes, the contractor should contact the TOPO to arrange for training and certification of new personnel.

The contractor may also be directed by TDF to attend other training such as operation/maintenance training for specialty equipment and instruments, or other EPA specific training required to perform tasks under this task order.

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

ATTACHMENT PM2.5 Federal Reference Method Performance Evaluation Schedule 2003 Scheduled Sites

43 Audit Sites - January 1 - December 31, 2003

Alabama 6 Sites

Montgomery
Dothan
Phoenix city
Birmingham
Jasper
Pelham

Florida 8 Sites

Pensacola (4)
Pinellas
Clearwater
Tampa (2)

Georgia 6 Sites

Savannah (2)
Brunswick
Columbus (2)
Albany

Kentucky 3 Sites

Louisville
Covington
Ft. Thomas

Mississippi 4 Sites

Natchez
Vicksburg
Cleveland
Jackson

North Carolina 9 Sites

Spruce Pine
Gastonia
Hickory

Charlotte (3)
Boone
Winston-Salem (2)

South Carolina 4 Sites

Columbia (3)

Tennessee 4 Sites

Knoxville
Lingsport

PM2.5 Statement of Work

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

Chattanooga (2)

ATTACHMENT TWO PM2.5 Eastern Region, Projected Filter Use for 2003 Total Routine, Collection and QC Filters

Region 1	199
Region 2	206
Region 3	225
Region 4	414
Region 6	346
Region 10 (Washington State)	67
QC Filters	200
Total	1657

Invoice Approval Authority

Contract: 68-W-01-009, Task Order: 0020

Lead PR Number: PR-R4-03-10051

Notwithstanding the appointment of alternate Task Order Project Officers, only the Contract Level Project Officer and Alternate shall have invoice approval authority.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10011	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 19
		10B. DATED (SEE ITEM 13) 05/03/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$12,580.00 is hereby added. This brings the total incremental funding to \$172,975.00. The contractor shall not exceed the current funding level of \$172,975.00.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED NOV 04 2002

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 52.243

Southeast Wadeable Stream Retional REMAP Yr.

Contract: 68-W-01-009, Task Order: 0019, Mod: 0002

Lead PR Number: PR-R4-03-10011

Summary Information

Title: Southeast Wadeable Stream Retional REMAP Yr. 2
Period of Performance: From: 05/03/02
To: 03/31/03
Award Date: 05/03/02
Total Funding: \$172,975.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P /
Base	XN0166	02	C	26XN0NN	80101F	00000000		2532	\$12,580.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2002 - XN0166	Estimated Cost	
	Fixed Fee	
Total:		\$12,580.00
FY2002 - XN4728	Estimated Cost	
	Fixed Fee	
Total:		\$11,395.00
FY2002 - XN5332	Estimated Cost	
	Fixed Fee	
Total:		\$149,000.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 05/20/02	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10204	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 19 10B. DATED (SEE ITEM 13) 05/03/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Incremental funding in the amount of \$149,000.00 is hereby added. This brings the total incremental funding to \$160,395.00. The Contractor shall not exceed the current funding level of \$160,395.00.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED MAY 28 2002

Southeast Wadeable Stream Retional REMAP Yr.

Contract: 68-W-01-009, Task Order: 0019, Mod: 0001

Lead PR Number: PR-R4-02-10204

Summary Information

Title: Southeast Wadeable Stream Retional REMAP Yr. 2
Period of Performance: From: 05/03/02
To: 03/31/03
Award Date: 05/03/02
Total Funding: \$160,395.00

Accounting/Appropriation Data

The following item(s) have been added:

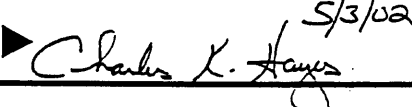
DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
XN5332	02	C	26XNONN	80101F	00000000		2532	\$149,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2002 - XN4728	Estimated Cost	
	Fixed Fee	
	Total:	\$11,395.00
FY2002 - XN5332	Estimated Cost	
	Fixed Fee	
	Total:	\$149,000.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

ORDER FOR SUPPLIES OR SERVICES						PAGE	OF	PAGES
IMPORTANT: Mark all packages and papers with contract and/or order numbers.								
1. DATE OF ORDER APR 29 2002		2. CONTRACT NO. (If any) 68-W-01-009		6. SHIP TO:				
3. ORDER NO. 0019		4. REQUISITION/REFERENCE NO. PR-R4-02-10163		a. NAME OF CONSIGNEE MICHAEL H. BIRCH, TOPO				
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV				b. STREET ADDRESS COLLEGE STATION RD				
				c. CITY ATHENS		d. STATE GA	e. ZIP CODE 30613	
7. TO:				f. SHIP VIA				
a. NAME OF CONTRACTOR INTEGRATED LABORATORY SYSTEM				8. TYPE OF ORDER				
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR:		<input checked="" type="checkbox"/> b. TASK -- Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.		
c. STREET ADDRESS P.O. BOX 13501				Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet. If any, including delivery as indicated.				
d. CITY Research Triangle Park		e. STATE NC	f. ZIP CODE 27709	10. REQUISITIONING OFFICE Same as Block 6				
11. BUSINESS CLASSIFICATION (Check appropriate box(es))								
<input checked="" type="checkbox"/> a. SMALL		<input type="checkbox"/> b. OTHER THAN SMALL		<input type="checkbox"/> c. DISADVANTAGED		<input type="checkbox"/> d. WOMEN OWNED		
12. F.O.B. POINT Same as Block 6		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)		16. DISCOUNT TERMS N/A		
13. PLACE OF								
a. INSPECTION Same as Block 6		b. ACCEPTANCE Same as Block 6						
17. SCHEDULE (See reverse for Rejections)								
ITEM NO. (a)	SUPPLIES OR SERVICES (b)			QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	See Attached							
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.				
21. MAIL INVOICE TO:								
a. NAME Environmental Protection Agency								
b. STREET ADDRESS (or P.O. Box) Research Triangle Park Financial Management Center (D143-02)								
c. CITY Research Triangle Park		d. STATE NC	e. ZIP CODE 27711			17(h). TOT. (Cont. pages)		
						17(i). GRAND TOTAL		
22. UNITED STATES OF AMERICA BY (Signature)		23. NAME (Typed)						
		CHARLES K. HAYES						
		TITLE: CONTRACTING/ORDERING OFFICER						

Southeast Wadeable Stream Retional REMAP Yr.

Contract: 68-W-01-009, Task Order: 0019

Lead PR Number: PR-R4-02-10163

Summary Information

Title: Southeast Wadeable Stream Retional REMAP Yr. 2
Period of Performance: From: 04/29/02
To: 03/31/03
Award Date:
Total Funding: \$11,395.00

Accounting/Appropriation Data

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
XN4728	02	C	26XNONN	80101F	00000000		2532	\$11,395.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2002 - XN4728	Estimated Cost	
	Fixed Fee	
	Total:	\$11,395.00

Redacted
Exemption 4, CBI

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: MICHAEL H. BIRCH
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8552
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: LINDA P. KIDD
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8731
Fax Number:
E-Mail Address:

Deliverable Items

SCHEDULE FOR LOCATION:

Attachments

Attachment Type

Hours
Invoice Approval Authority
SOW, Southeast Wadeable Stream Regional REMAP

Subcontractor Consent

Southeast Wadeable Stream Retional REMAP Yr.

Contract: 68-W-01-009, Task Order: 0019

Lead PR Number: PR-R4-02-10163

Name	Type	Amount
-----	-----	-----
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$188,201.00

Task Order Totals

Category	Amount
-----	-----
Estimated Cost	Redacted
Fixed Fee	Exemption 4, CBI

Invoice Approval

Contract: 68-W-01-009, Task Order: 0019

Lead PR Number: PR-R4-02-10163

Notwithstanding the appointment of Alternate Task Order Project Officers, only the Contract level Project Officer and Alternate shall have invoice approval authority.
Authority

SOW, Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0019

Lead PR Number: PR-R4-02-10163

Statement of Work Task Order No. 019 South East Wadeable Stream Regional REMAP Period of Performance 4/29/2002 - 3/31/2003

PURPOSE

The purpose of this Task Order (TO) is to provide through a buy-in analytical, biological field sampling, data review/data entry support to the EPA Region 4 Science Ecosystem Support Division (SESD). The contractor shall perform and provide support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) Task Area I, Analytical Support, Task Area III: Analytical Logistical Support and Task Area IV. See Table 1 for Region 4's expected number of requests for each Task listed below.

STATEMENT OF WORK:

The contractor shall provide analytical chemistry, biological, field sampling, data review and quality assurance support to EPA at the Agency's regional laboratory facilities and at specified field locations.

The contractor shall comply with all SESD SHEMP health and safety, environmental, waste handling and other applicable SESD work rules while conducting on-site or off-site functions. The contractor shall also follow Good Automated Laboratory Practices for all analytical work required by this TO. Upon issuance of this TO, the Task Order Project Officer (TOPO) will provide the contractor with applicable requirements. The contractor shall become familiar with all applicable standard operating procedures (SOPs) referenced in and accompanying the TO.

The contractor shall notify the TOPO immediately if it encounters any equipment failure that cannot be readily remedied by the contractor or technical problems that may impact the quality or on-time delivery of deliverables, or if any required equipment or supplies are unavailable to accomplish required work under this TO.

TASK 1: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each task under this TO in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5. Program management costs shall be identified from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with monthly reports of the above-referenced data and a technical progress report at the same time as the Reports required in Attachment 2.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this Task through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate, complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall revise its QMP and QAPP to reflect any new changes in operation or new requirements or implement an EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2 and requirements outlined in EPA QA-R5.

SOW, Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0019

Lead PR Number: PR-R4-02-10163

The contractor shall implement or revise an existing Health and Safety plan as needed to assure that all requirements specified above are addressed.

Deliverables:

The contractor shall submit to the PO/TOPO all reports defined in the SOW (Attachment 2, Reports of Work Page 2-1 of 5) and monthly status reports including technical progress reports under this TO. The contractor shall provide a staffing plan and schedule for completing the tasks in this TO.

The contractor shall submit to the PO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.

Task 2: Environmental Sample Analysis:

Table 1 is an estimate of the number of sites that will require field analysis and/or analysis for the Wadeable Streams buy-in. The contractor will provide ash free dry weight, total mercury in fish, and HPLC periphyton pigment analysis (chlorophyll A & B) for 70 samples. The contractor shall perform all extractions, analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs. The contractor shall also prepare all analytical standards required for the sample analysis.

The TOPO shall assign the analysis of each batch of samples covering a specific project and other analytical support activities through the issuance of a TDF. The TDF will specify the number and identity of samples requiring analysis, the analytical methodologies to be used and a schedule for analysis and submission of deliverables.

The Contractor shall perform the following activities in accordance with the U.S. EPA, Region IV Environmental Investigations Branch Standard Operating Procedures and Quality Assurance Manual, dated January 1997, (<http://www.epa.gov/region4/sesd/eisopqam/eisopqam.html>) the U.S. EPA, Region IV Analytical Support Branch Operations and Quality Control Manual, dated August 2000, (<http://www.epa.gov/region4/sesd/asbsop/asbsop.html>), or any and all revisions of the guidance, and other guidance documents stated in this TO. The guidelines above are available through the Internet at the following address: http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall maintain logbooks and worksheets in accordance with good laboratory practices and complete all documents and recordings as required by the analytical SOP. The contractor shall archive sample extracts in the designated areas, upon completion of the analysis of each batch of samples, and archive the data on electronic media, when required by storage capacity, in accordance with the appropriate SOPs.

The contractor shall track the progress of completion of each analytical project by updating the QA/QC status of the samples in the Region 4 Laboratory Information Management System (R4LIMS) to track sample preparation (number of samples), analysis and data reduction and submission of deliverables.

The contractor shall perform other analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment. These activities include the analysis of performance evaluation and other QA-related samples; the evaluation of instrumentation, software, and methodologies; the review, preparation or revision of analytical SOPs; and other analytical-related support tasks.

Deliverables: The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other analytical support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF.

Task 3: Biological Support:

The contractor shall perform the biological support on the basis of **B. Biological Support:** of the contract SOW in

SOW, Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0019

Lead PR Number: PR-R4-02-10163

accordance with the U.S. EPA Region IV Ecological Support Branch Standard Operating Procedure Manual, January 2000, Rapid Bioassessment Protocols for Use in Wadeable Streams and Rivers, Second Edition, 841-B-99-002, and Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Water, EPA/600/4-90/030, November 1990.

Phase II

The contractor shall conduct field reconnaissance of all Cycle 3 REMAP sites to which access is granted (approximately 80 sites expected from Phase I). Locate the sites, determine their accessibility for sampling and determine their eligibility as wadeable permanent streams. Set out bricks for AI. No landscape plots are required.

Deliverables:

1. List of sites that were (a) located, (b) are accessible and (c) are eligible.
2. Map of each site with photographs and directions to the site.

Phase III

The contractor shall conduct on-site sampling activities at 70 Cycle 3 REMAP and state eco-regional reference sites: Do RBP sampling for periphyton (pigment diversity and AI), benthic macroinvertebrates, and fish; collect grab samples for nutrient and AGPT analyses; collect fish for mercury analysis; and do rapid stream and riparian habitat assessments. This would also include sample processing such as tissue homogenization and sample shipping. For this TO the contractor shall provide the staffing plan, hours and a cost estimate.

The contractor shall perform other analytical/biological support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment.

The contractor shall provide sample preparation and packaging, chain-of custody requirements, and decontamination procedures per the TO or as issued in the TDF.

The contractor shall perform QA/QC analysis with all the above mentioned analytical and field tasks.

Deliverables:

The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other biological support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF. The contractor shall submit any revised SOPs with the test report.

The contractor shall provide from Phase III sites the following:

1. Periphyton pigment diversity (see Task 2) and AI collections.
2. Benthic macroinvertebrate collections.
3. Fish RBP data and voucher specimens.
4. Fish collections for mercury analysis.
5. Water samples for nutrient analyses (see Task 2).
6. Habitat evaluations and stream geomorphology measures.
7. In-situ water quality measurements.
8. Process fish and ship nutrient samples.

Phase IV

The contractor shall provide from Phase IV 2002 (Cycle 3) year sites taxonomic lists of all benthic macro invertebrates and fish species for each station from Phase III. The contractor shall perform data reduction, analyzes, and tabulation of results according to 1999 (2nd Ed.) RBPs II and V. The contractor shall provide IBIs for macros and, where possible, fish.

SOW, Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0019

Lead PR Number: PR-R4-02-10163

The contractor shall provide forms and laboratory log books for all recordings including QA/QC documentation required by the SOPs and TDFs, and daily calibration of laboratory instruments.

Raw and QC data shall be included in the reports as specified in the SOPs, TOs or TDFs.

Deliverables:

1. Electronic and hardcopy lists of all benthic macro-invertebrate and fish species identified for each station.
2. All physical and biological data reduced, analyzed and tabulated [biological according to 1999 (2nd Edition) RBPs II and V].
3. IBIs for macros and, where possible, fish.

Task 4: Field/Warehouse Support:

The contractor shall provide support as listed in C. Field Analytical Support, Field Warehouse Operations Support, and pertinent Task Area III, Analytical Logistical Support in the contract SOW. To perform the task described in the TO. The contractor shall perform the field activities in accordance with the U.S. EPA Region IV Environmental Investigations Standard Operating Procedure Manual, January 1997, or any and all revisions of the guidance

Frequent travel within Region IV is required. The contractor will coordinate with Project Leaders for transportation to site via GOV or GFP. Site visits may include documentation of field collection efforts, sampling locations, and methodologies to determine if technical comments provided in site-specific work plans are followed and incorporated into subsequent deliverables. The contractor shall prepare detailed records of all such activities. In all instances, the contractor shall identify themselves as employees of ILS/ManTech.

Deliverables: The contractor shall prepare and submit reports associated with the above list of tasks as per F. Deliverables in the contract SOW, appropriate regional TO/SOPs or as issued through the TDF. Computer reports will be provided for ordering of consumables and items consumed for field projects.

Task 5: Routine Instrument Maintenance:

The contractor shall perform routine analytical laboratory instrument set up and maintenance activities required for the analysis of samples assigned under this TO.

Deliverables: The contractor shall prepare and submit a report to the PO and TOPO outlining the activities completed and difficulties encountered for tasks assigned through each TDF within five (5) days of completion.

Task 6: Technology Transfer:

The contractor shall on request provide information to EPA personnel for the purpose of transferring knowledge of a specific analytical or QA technique or technology obtained in performing work under the ESAT contract, and attend conferences or meetings, in accordance with Task Area V of the contract Statement of Work (SOW). The TOPO will issue TDFs to the contractor specifying the information required and the schedules for completion.

Deliverables: The contractor shall prepare and deliver to the PO and TOPO a summary of information provided under each TDF within five (5) days of completion.

Task 7: New Technology:

The contractor shall on request attend vendor-specific seminars in new technologies or specialty equipment/instruments and other EPA-specific training relating to the analysis of environmental samples, in accordance with Task Area V of the contract SOW. This may include training related to analytical instrumentation, field sampling technology, quality assurance, software or other related material. All training shall be approved by the CO according to contract (clause H.31).

Task 8: Sample Custodian and File Manager:

The contractor shall perform sample custodial duties at SESD for environmental samples in accordance with the SOPs specified above. The contractor shall receive environmental samples arriving at the laboratory, and upon

SOW, Southeast Wadeable Stream Regional REMAP

Contract: 68-W-01-009, Task Order: 0019

Lead PR Number: PR-R4-02-10163

receipt, log the samples into the R4LIMS and refrigerator/freezer log and store the samples in the appropriate refrigerators, freezers, or shelves. The contractor shall generate and/or distribute chain-of-custody, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite). Tracking, packaging, and shipping samples; and the return of coolers to the FEC will be requested.

The contractor shall meet "all" HAZMAT safety procedures for handling of materials such as alcohol or formalin. The contractor shall perform support activities relating to the disposal of environmental samples in accordance with the Sample Disposition and Disposal SOP in the SHEMP Manual. These activities include the storage of analyzed samples in the appropriate refrigerators, tracking of samples due for disposal, obtaining reports for samples to be disposed of, filing of the sample disposal sheets after sign-off by the site project officer, and notification of designated EPA personnel that samples are ready for disposal.

Deliverables: The contractor shall submit to the PO and/or TOPO completed forms and document inventories, in accordance with HAZMAT SOP requirements.

Table 1
Estimate of Sites and Analyses

Phase	Sites
II	80
III	70
IV	70

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 18 10B. DATED (SEE ITEM 13) 04/10/02

CODE FACILITY CODE	11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
--------------------	---

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) See the section, Accounting/Appropriation Data, in the attachment on Page 2.
--

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to deobligate \$516.00 from this Task Order and transfer those funds to Task Order 0025.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)
	16C. DATE SIGNED JUL 8 2003

National Study of Residues in Lake Fish - 2002

Contract: 68-W-01-009, Task Order: 0018, Mod: 0001

Summary Information

Title: National Study of Residues in Lake Fish - 2002
Period of Performance: From: 04/15/02
To: 03/31/03
Award Date: 04/10/02
Total Funding: \$21,338.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	CE2013	02	B	28E	20105B	00000000		2505	(\$516.00)	

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - CE1025 [M]	Estimated Cost	
	Fixed Fee	
Total:		\$3,524.00
FY2002 - CE2013 [M]	Estimated Cost	
	Fixed Fee	
Total:		\$17,814.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Document Hours was modified.

TO Classification

The following changes have occurred:

The Task Order Ceiling has changed from \$21,854.00 to \$21,338.00.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

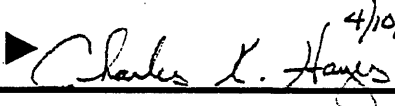
1. DATE OF ORDER APR 10 2002		2. CONTRACT NO. (If any) 68-W-01-009		6. SHIP TO:	
3. ORDER NO. 0018		4. REQUISITION/REFERENCE NO. PR-R4-02-10144		a. NAME OF CONSIGNEE MICHAEL H. BIRCH, TOPO	
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV		b. STREET ADDRESS COLLEGE STATION RD		c. CITY ATHENS	
7. TO:		d. STATE GA		e. ZIP CODE 30613	
a. NAME OF CONTRACTOR INTEGRATED LABORATORY SYSTEM		f. SHIP VIA		8. TYPE OF ORDER	
b. COMPANY NAME		[] a. PURCHASE REFERENCE YOUR:		[X] b. TASK -- Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
c. STREET ADDRESS P.O. BOX 13501		Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet. If any, including delivery as indicated.			
d. CITY Research Triangle Park		e. STATE NC		f. ZIP CODE 27709	
g. ADDRESSING/PROPRIATION DATA See Attached		10. REQUISITIONING OFFICE Same as Block 6			

11. BUSINESS CLASSIFICATION (Check appropriate box(es))

<input checked="" type="checkbox"/> a. SMALL		<input type="checkbox"/> b. OTHER THAN SMALL		<input type="checkbox"/> c. DISADVANTAGED		<input type="checkbox"/> d. WOMEN OWNED	
12. F.O.B. POINT Same as Block 6		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)		16. DISCOUNT TERMS N/A	
13. PLACE OF							
a. INSPECTION Same as Block 6		b. ACCEPTANCE Same as Block 6					

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	See Attached					
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		
21. MAIL INVOICE TO:						
a. NAME Environmental Protection Agency						
b. STREET ADDRESS (or P.O. Box) Research Triangle Park Financial Management Center (D143-02)						
c. CITY Research Triangle Park		d. STATE NC	e. ZIP CODE 27711			
				\$21,854.00		
						17(h). TOT. (Cont. pages)
						17(i). GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature) 	23. NAME (Typed) CHARLES K. HAYES TITLE: CONTRACTING/ORDERING OFFICER
--	--

National Study of Residues in Lake Fish - 2002

Contract: 68-W-01-009, Task Order: 0018

Lead PR Number: PR-R4-02-10144

Summary Information

Title: National Study of Residues in Lake Fish - 2002
Period of Performance: From: 04/15/02
To: 03/31/03
Award Date:
Total Funding: \$21,854.00

Accounting/Appropriation Data

DCN	BFYS	Appr. #	Org	Program Element	Site/Project	Cost Org	Obj Class	Amount	P/C
CE1025	01	B	28E	20105B	00000000		2505	\$3,524.00	P
CE2013	02	B	28E	20105B	00000000		2505	\$18,330.00	P

Funding Breakout

Acct. Info	Funding Category	Amount
FY2001 - CE1025	Estimated Cost	
	Fixed Fee	
	Total:	\$3,524.00
FY2002 - CE2013	Estimated Cost	
	Fixed Fee	
	Total:	\$18,330.00

Redacted
Exemption 4, CBI

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: MICHAEL H. BIRCH
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8552
Fax Number:
E-Mail Address:

Attachments

Attachment Type

Hours
SOW, National Study of Chemical Residues in Lake Fish Tissue - 2002

Subcontractor Consent

Name	Type	Amount
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$13,329.00

Task Order Totals

Category	Amount
Estimated Cost	Redacted
Fixed Fee	Exemption 4, CBI

SOW, National Study of Chemical Residues in Lake Fish Tissue - 2002

Contract: 68-W-01-009, Task Order: 0018

Lead PR Number: PR-R4-02-10144

Statement of Work Task Order No. 018 National Study of Chemical Residues in Lake Fish Tissue: 2002 Period of Performance 4/15/2002 - 3/31/2003

PURPOSE

The purpose of this Task Order (TO) is to provide biological field sampling support for National Study of Chemical Residues in Lake Fish Tissue: 2002 (NSCRLFT) to the EPA Region 4 Science Ecosystem Support Division (SESD). The contractor shall perform and provide field sampling biological support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) **Task Area I, Analytical Support and Task Area III: Analytical Logistical Support**. The contractor shall perform and provide field/laboratory support services to the EPA Region 4 in accordance with the U.S. EPA NSCRLFT SOPs: Fish Tissue Sample Collection Procedures, SOP for shipping container packing instructions, and Region IV Ecological Support Branch Standard Operating Procedure Manual, January 2000. See Table 1 Sampling Sites for an estimate of the field biological support.

STATEMENT OF WORK:

The contractor shall provide biological, field sampling and other analytical support to EPA at the Agency's regional laboratory facilities and at specified field locations field based analytical methods.

The contractor shall comply with all SESD SHEMP health and safety, lab safety, environmental, waste handling and other applicable SESD work rules while conducting on-site or off-site functions. The contractor shall also follow Good Automated Laboratory Practices for all analytical work required by this TO. Upon issuance of this TO, the Task Order Project Officer (TOPO) will provide the contractor with applicable requirements. The contractor shall become familiar with all applicable standard operating procedures (SOPs) referenced in and accompanying the TO.

The contractor shall notify the TOPO immediately if it encounters any equipment failure that cannot be readily remedied by the contractor or technical problems that may impact the quality or on-time delivery of deliverables, or if any required equipment or supplies are unavailable to accomplish required work under this TO.

TASK 1: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each task under this TO in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5. Program management costs shall be identified from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with monthly reports of the above-referenced data and a technical progress report.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this Task through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate, complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall revise its QMP and QAPP to reflect any new changes in operation or new requirements or implement an EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2 and requirements outlined in EPA QA-R5.

SOW, National Study of Chemical Residues in Lake Fish Tissue - 2002

Contract: 68-W-01-009, Task Order: 0018

Lead PR Number: PR-R4-02-10144

The contractor shall implement or revise the existing Health and Safety plan as needed to assure that all requirements specified above are addressed.

Deliverables:

The contractor shall submit to the PO/TOPO all reports defined in the SOW (Attachment 2, Reports of Work Page 2-1 of 5) and monthly status reports including technical progress reports under this TO.

The contractor shall submit to the PO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.

Task 2: Biological Support:

The contractor shall perform the biological support on the basis of **B. Biological Support:** of the contract SOW in accordance with the U.S. EPA NSCRLFT SOPs: Fish Tissue Sample Collection Procedures, SOP for shipping container packing instructions, and Region IV Ecological Support Branch Standard Operating Procedure Manual, January 2000.

Table 1 is an estimate of the number of lake sites to be sampled and collection of samples requiring preparation and shipping for the NSCRLFT. Phase III the contractor shall conduct on-site sampling activities at each lake and provide the appropriate number of fish species per the SOPs. The contractor shall provide sampling equipment such as nets or shocking equipment to ensure that bottom feeders (catfish) are collected. For this TO the contractor shall provide the staffing plan and a cost estimate.

The TOPO shall assign the specific project support and other analytical support activities through the issuance of a TDF.

The Contractor shall perform the activities also in accordance with the U.S. EPA, Region IV Environmental Investigations Branch Standard Operating Procedures and Quality Assurance Manual, dated January 1997, (<http://www.epa.gov/region4/sesd/eisopqam/eisopqam.html>) the U.S. EPA, Region IV Analytical Support Branch Operations and Quality Control Manual, dated August 2000, (<http://www.epa.gov/region4/sesd/asbsop/asbsop.html>), or any and all revisions of the guidance, and other guidance documents stated in this TO. The guidelines above are available through the Internet at the following address: http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall maintain logbooks and worksheets in accordance with good laboratory practices and complete all documents and recordings as required by the NSCRLFT SOPs. The contractor shall ship or archive sample in designated areas, upon completion of each batch of samples, and archive the data on electronic media, when required by storage capacity, in accordance with the appropriate SOPs.

The contractor shall package and ship all samples, including document management, and return of coolers as specified in the SOP for shipping container packing instructions. The contractor shall provide dry ice preservative for shipping.

Deliverables:

The contractor shall submit to the TOPO reports pertaining to the collection of samples, as referenced in SOPs of this TO, and reports of other biological support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each sampling event to the TOPO or as designated in the TDF.

The contractor shall develop and implement a site work plan detailing required field activities, including sample collection and testing, test organism identification and examination, sample preparation and packaging, chain-of-custody requirements, and decontamination procedures per the TO or as issued in the TDF.

The contractor shall provide shipping records, chain-of-custody information, sketches of sampling points in the lake, GIS coordinates and other documentation described in the SOPs and the TDF to the TOPO.

Task 4: Field/Warehouse Support:

The contractor shall provide support as listed in **B. Biological Support, C. Field Analytical Support, Field Warehouse Operations Support**, and pertinent Task Area III, **Analytical Logistical Support** in the contract SOW. The contractor

SOW, National Study of Chemical Residues in Lake Fish Tissue - 2002

Contract: 68-W-01-009, Task Order: 0018

Lead PR Number: PR-R4-02-10144

shall perform the field activities in accordance with the U.S. EPA Region IV Environmental Investigations Standard Operating Procedure Manual, January 1997, or any and all revisions of the guidance:

- Provide decontamination/cleaning of field equipment, analytical instruments, as well as sample container preparation to meet with QA/QC checks and requirements.
- Provide field investigation vehicle loading/unloading support. Receives equipment loadout requests and insures that field sampling and testing equipment is cleaned and prepared for use to meet with QA/QC requirements. Includes maintenance of batteries and battery shed. assigned tasks including log in of maintenance and calibration records.
- Setup and perform QC checks to verify calibrations on field sampling and field analytical equipment to assure that equipment is operating according to vendor specifications, assist in configuring equipment to accomplish field analytical tasks.
- Precisely locate and document sampling sites and features at sites. GPS coordinates are collected and provided to the EPA TOPO or as directed in the NSCRLFT SOP.
- Develop field investigation Work Plan for all support activities and submit to EPA for review and approval as requested in the TDF.
- Generate and/or distribute chain-of-custody documentation, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite);
- Package and ship field samples, including document management, and return coolers.

Travel within EPA Region IV may be required. The contractor will coordinate with Project Leader for transportation to site via GOV or GFP. Site visits may include documentation of field collection efforts, sampling locations, and methodologies to determine if technical comments provided in site-specific work plans are followed and incorporated into subsequent deliverables. The contractor shall prepare detailed records of all such activities. In all instances, the contractor shall identify themselves as employees of ILS or as the subcontractor, ManTech.

Deliverables:

The contractor shall prepare and submit reports associated with the above list of tasks as per **F. Deliverables** in the contract SOW, and the NSCRLFT SOP or as issued through the TDF. Computer reports will be provided for ordering of consumables and items consumed for field projects.

Task 5: Routine Instrument Maintenance:

The contractor shall perform routine analytical laboratory instrument set up and maintenance activities required for the analysis of samples assigned under this TO. The TOPO shall assign routine set up and maintenance of instrumentation, not completed in connection with the contractor's analysis of samples, through the issuance of a TDF, which will specify the nature of the tasks and schedule for completion.

Deliverables:

The contractor shall prepare and submit a report to the PO and TOPO outlining the activities completed and difficulties encountered for tasks assigned through each TDF within five (5) days of completion.

Task 6: Technology Transfer:

The contractor shall provide information to EPA personnel for the purpose of transferring knowledge of a specific analytical or QA technique or technology obtained in performing work under the ESAT contract, and attend conferences or meetings, in accordance with Task Area V of the contract Statement of Work (SOW). The TOPO will issue TDFs to the contractor specifying the information required and the schedules for completion.

Deliverables:

The contractor shall prepare and deliver to the PO and/or TOPO a summary of information provided as requested under each TDF within time specified.

**Table 1
Sampling Sites**

SOW, National Study of Chemical Residues in Lake Fish Tissue - 2002

Contract: 68-W-01-009, Task Order: 0018

Lead PR Number: PR-R4-02-10144

STATE	COUNTIES	LAKES
Florida	Lake Tohopekaliga (#1000), Osceola County; Chipco Lake (#1060), Putnam County (Phase III only & in one of these lakes, duplicate samples will be collected, doubling the work for that particular lake)	2
Alabama	Kelly Lake (project lake #0923), Monroe county; an unnamed lake (project lake #0961), Marshall County	2
Totals		4

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10121	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 17 10B. DATED (SEE ITEM 13) 04/10/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR52.232-22 "Limitations of Funds"

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

In accordance with the contractor's 4/23/03 proposal, this modification increases LOE hours by 169 for a new total of 7,085 and increases funding and ceiling to \$272,383. Per the proposal, the increased LOE hours are for additional organic and bedload/PSA analyses.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED APR 25 2003

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017, Mod: 0004

Lead PR Number: PR-R4-03-10121

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 04/15/02 To: 04/30/03
Award Date: 04/10/02
Total Funding: \$272,383.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr. #	Org	Program Element	Site/Project	Cost Org	Obj Class	Amount	P / C
Base	CH2042	02	B	28H	20201B	00000000		2505	\$2,714.00	C
Base	RF3003	03	BR	04R0XF8	20201B	00000000		2505	\$5,654.00	C
Base	TP3015	03	B	87FT	20201B	00000000		2505	\$16,725.00	P

Funding Breakout

Acct. Info	Funding Category	Amount
FY2001 - TCC032	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$9,594.00
FY2001 - TCC050	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$77,926.00
FY2001 - TCC104	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$40,000.00
FY2001 - TP2002	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$9,924.00
FY2002 - CH2042	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$2,714.00
FY2002 - TP2011	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$108,000.00
FY2003 - RF3003	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$7,500.00
FY2003 - TP3015	[M] Estimated Cost	

Redacted
Exemption 4, CBI

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017, Mod: 0004

Lead PR Number: PR-R4-03-10121

[M] Fixed Fee

**Redacted
Exemption 4, CBI**

Total:

\$16,725.00

[M] - Modified

[A] - Added

Attachments

The following item(s) have been added:

Attachment Name

Hours

Attachments

The following item(s) have been deleted:

Attachment Name

Hours

TO Totals

The following item(s) have been modified:

Category	POP	From	By	To
Estimated Cost	Base Pd.			
Fixed Fee	Base Pd.			

**Redacted
Exemption 4, CBI**

TO Classification

The following changes have occurred:

The Task Order Ceiling has changed from \$247,290.00 to \$272,383.00.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0003	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10089		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6)		CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 17 10B. DATED (SEE ITEM 13) 04/10/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification extends the period of performance through 4/30/03 and provides incremental funding in the amount of \$1,846.00 which fully funds this task order.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED MAR 31 2003

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 52.243

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017, Mod: 0003

Lead PR Number: PR-R4-03-10089

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 04/15/02
To: 04/30/03
Award Date: 04/10/02
Total Funding: \$247,290.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P /
Base	RF3003	03	BR	04R0XF8	20201B	00000000		2505	\$1,846.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - TCC032	Estimated Cost	
	Fixed Fee	
Total:		\$9,594.00
FY2001 - TCC050	Estimated Cost	
	Fixed Fee	
Total:		\$77,926.00
FY2001 - TCC104	Estimated Cost	
	Fixed Fee	
Total:		\$40,000.00
FY2001 - TP2002	Estimated Cost	
	Fixed Fee	
Total:		\$9,924.00
FY2002 - TP2011	Estimated Cost	
	Fixed Fee	
Total:		\$108,000.00
FY2003 - RF3003	Estimated Cost	
	Fixed Fee	
Total:		\$1,846.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

TO Classification

The following changes have occurred:

The Anticipated Expiration Date has changed from 03/31/03 to 04/30/03.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10327	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 17
		10B. DATED (SEE ITEM 13) 04/10/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification provides incremental funding in the amount of \$40,000.00.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED SEP 24 2002

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017, Mod: 0002

Lead PR Number: PR-R4-02-10327

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 04/15/02 To: 03/31/03
Award Date: 04/10/02
Total Funding: \$245,444.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P /
Base	TCC104	01	B	04T00RR	20201B	00000000		2505	\$40,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - TCC032	Estimated Cost	
	Fixed Fee	
Total:		\$9,594.00
FY2001 - TCC050	Estimated Cost	
	Fixed Fee	
Total:		\$77,926.00
FY2001 - TCC104	Estimated Cost	
	Fixed Fee	
Total:		\$40,000.00
FY2001 - TP2002	Estimated Cost	
	Fixed Fee	
Total:		\$9,924.00
FY2002 - TP2011	Estimated Cost	
	Fixed Fee	
Total:		\$108,000.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 17)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 17
		10B. DATED (SEE ITEM 13) 04/10/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification hereby changes the Alternate Task Order Project Officer from Frank Allen to Linda Kidd.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		<i>Charles K. Hayes</i>	AUG 2 2002
		(Signature of Contracting Officer)	

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 52.243

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017, Mod: 0001

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 04/15/02
To: 03/31/03
Award Date: 04/10/02
Total Funding: \$205,444.00

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - TCC032	Estimated Cost	
	Fixed Fee	
Total:		\$9,594.00
FY2001 - TCC050	Estimated Cost	
	Fixed Fee	
Total:		\$77,926.00
FY2001 - TP2002	Estimated Cost	
	Fixed Fee	
Total:		\$9,924.00
FY2002 - TP2011	Estimated Cost	
	Fixed Fee	
Total:		\$108,000.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

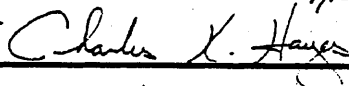
Procurement Management Roles

The following item(s) have been modified:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: LINDA P. KIDD
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8808
Fax Number:
E-Mail Address:

ORDER FOR SUPPLIES OR SERVICES						PAGE OF PAGES	
IMPORTANT: Mark all packages and papers with contract and/or order numbers.							
1. DATE OF ORDER APR 10 2002		2. CONTRACT NO. (If any) 68-W-01-009		6. SHIP TO:			
3. ORDER NO. 0017		4. REQUISITION/REFERENCE NO. PR-R4-02-10140		a. NAME OF CONSIGNEE MICHAEL H. BIRCH, TOPO			
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV				b. STREET ADDRESS COLLEGE STATION RD			
7. TO:				c. CITY ATHENS	d. STATE GA	e. ZIP CODE 30613	
a. NAME OF CONTRACTOR INTEGRATED LABORATORY SYSTEM				f. SHIP VIA			
b. COMPANY NAME				8. TYPE OF ORDER			
c. STREET ADDRESS P.O. BOX 13501				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR:		<input checked="" type="checkbox"/> b. TASK -- Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY Research Triangle Park		e. STATE NC	f. ZIP CODE 27709	Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet. If any, including delivery as indicated.			
g. ADDRESSING AND APPROPRIATION DATA See Attached				10. REQUISITIONING OFFICE Same as Block 6			
11. BUSINESS CLASSIFICATION (Check appropriate box(es))							
<input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN OWNED							
12. F.O.B. POINT Same as Block 6			14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)		
13. PLACE OF					16. DISCOUNT TERMS N/A		
a. INSPECTION Same as Block 6		b. ACCEPTANCE Same as Block 6					
17. SCHEDULE (See reverse for Rejections)							
ITEM NO. (a)	SUPPLIES OR SERVICES (b)		QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	See Attached						
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.			
		21. MAIL INVOICE TO:				17(h). TOT. (Cont. pages)	
a. NAME Environmental Protection Agency							
b. STREET ADDRESS (or P.O. Box) Research Triangle Park Financial Management Center (D143-02)							
c. CITY Research Triangle Park		d. STATE NC	e. ZIP CODE 27711			\$247,290.00	17(i). GRAND TOTAL
22. UNITED STATES OF AMERICA BY (Signature) 				23. NAME (Typed) CHARLES K. HAYES			
				TITLE: CONTRACTING/ORDERING OFFICER			

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

Summary Information

Title: Water Management Division Analytical Support
Period of Performance: From: 04/15/02 To: 03/31/03
Award Date:
Total Funding: \$205,444.00

Accounting/Appropriation Data

DCN	BFYS	Appr.#	Org	Program Element	Site/Project	Cost Org	Obj Class	Amount	P/C
TP2002	01	B	87FT	20302B	000000000		2505		-
TCC050	01	B	04T00RR	20301B	000000000		2505	\$9,924.00	P
TCC050	01	B	04T00RR	20101B	000000000		2505	\$74,215.00	P
TCC032	01	B	04T00RR	20202B	000000000		2505	\$3,711.00	P
TP2011	02	B	87FT	20201B	000000000		2505	\$9,594.00	C
								\$108,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - TCC032	Estimated Cost	
	Fixed Fee	
	Total:	\$9,594.00
FY2001 - TCC050	Estimated Cost	
	Fixed Fee	
	Total:	\$77,926.00
FY2001 - TP2002	Estimated Cost	
	Fixed Fee	
	Total:	\$9,924.00
FY2002 - TP2011	Estimated Cost	
	Fixed Fee	
	Total:	\$108,000.00

**Redacted
Exemption 4, CBI**

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: MICHAEL H. BIRCH
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8552
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: FRANK R. ALLEN
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8808
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

Attn: ALAN G. AUWARTER
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8704
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: DEBORAH A. COLQUITT
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8804
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: CYNTHIA K. GURLEY
61 FORSYTH STREET, SW
ATLANTA, GA 30303--310

Mail Code:
Phone Number: 706-355-8556
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: JOHN S. HALL
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8615
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: JOHN P. MCCONNEY
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8555
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: HERBERT L. REVELLS
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8840
Fax Number:
E-Mail Address:

Attachments

Attachment Type

Hours
Invoice Approval Authority

Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

SOW, Water Management Division Analytical Support

Subcontractor Consent

Name	Type	Amount
-----	-----	-----
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$84,682.00

Task Order Totals

Category	Amount
-----	-----
Estimated Cost	
Fixed Fee	Redacted Exemption 4, CBI

Invoice Approval Authority

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

Notwithstanding the appointment of Alternate Task Order Project Officers, only the Contract level Project Officer and Alternate shall have invoice approval authority.

SOW, Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

Statement of Work

Task Order No. 017

Water Management Division Analytical Support

Period of Performance 4/15/2002 - 3/31/2003

PURPOSE

The purpose of this Task Order (TO) is to provide through a buy-in from EPA Region 4 Water Management Division analytical, field, biological, data review/data entry and QA/QC support to the Science Ecosystem Support Division (SESD). The contractor shall perform and provide field/laboratory support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) Task Area I, Analytical Support, Task Area II, Data Review Support, Task Area III: Analytical Logistical Support and Task Area IV, QA/QC Support. Attachment One is an estimate of the number of samples and analytes that will require preparation and/or analysis, site visits etc.

STATEMENT OF WORK:

The contractor shall provide analytical chemistry, biological, field sampling, data review and quality assurance support to EPA at the Agency's regional laboratory facilities and at specified field locations using mobile laboratory(ies) and/or field based analytical methods.

The contractor shall comply with all SESD SHEMP health and safety, environmental, waste handling and other applicable SESD work rules while conducting on-site or off-site functions. The contractor shall also follow Good Automated Laboratory Practices for all analytical work required by this TO. Upon issuance of this TO, the Task Order Project Officer (TOPO) will provide the contractor with applicable requirements. The contractor shall become familiar with all applicable standard operating procedures (SOPs) referenced in and accompanying the TO.

The contractor shall notify the TOPO immediately if it encounters any equipment failure that cannot be readily remedied by the contractor or technical problems that may impact the quality or on-time delivery of deliverables, or if any required equipment or supplies are unavailable to accomplish required work under this TO.

TASK 1: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each task under this TO in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5. Program management costs shall be identified from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with monthly reports of the above-referenced data and a technical progress report at the same time as the Reports required in Attachment 2.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this Task through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate, complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall revise its QMP and QAPP to reflect any new changes in operation or new requirements or implement an EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2 and requirements outlined

SOW, Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

in EPA QA-R5.

The contractor shall implement or revise the existing Health and Safety plan as needed to assure that all requirements specified above are addressed.

Deliverables:

The contractor shall submit to the PO/TOPO all reports defined in the SOW (Attachment 2, Reports of Work Page 2-1 of 5) and monthly status reports including technical progress reports under this TO.

The contractor shall submit to the PO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.

Task 2: Environmental Sample Analysis:

Attachment One is an estimate of the number of samples and analytes that will require preparation and/or analysis, site visits etc.

the Internet at the following address: http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall perform all extractions, analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs. The contractor shall also prepare all analytical standards required for the sample analysis.

The contractor shall maintain logbooks and worksheets in accordance with good laboratory practices and complete all documents and recordings as required by the analytical SOP. The contractor shall archive sample extracts in the designated areas, upon completion of the analysis of each batch of samples, and archive the data on electronic media, when required by storage capacity, in accordance with the appropriate SOPs.

The contractor shall track the progress of completion of each analytical project by updating the QA/QC status of the samples in the Region 4 Laboratory Information Management System (R4LIMS) to track sample preparation (number of samples), analysis and data reduction and submission of deliverables.

The contractor shall perform other analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment. These activities include the analysis of performance evaluation and other QA-related samples; the evaluation of instrumentation, software, and methodologies; the review, preparation or revision of analytical SOPs; and other analytical-related support tasks.

Deliverables: The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other analytical support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF.

Task 3: Biological Support:

The contractor shall perform the following biological activities listed in **B. Biological Support:** of the contract SOW in accordance with the U.S. EPA Region IV Ecological Support Branch Standard Operating Procedure Manual, January 2000, and Region IV Standard Operating Procedures for Toxicity Testing Hazardous Waste Assessments, May 1992, Rapid Bioassessment Protocols for Use in Wadeable Streams and Rivers, Second Edition, 841-B-99-002, and Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Water, EPA/600/4-90/030, November 1990, Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, (EISOPQAM), and Analytical Support Branch Operations and Quality Control Manual, These documents are available through the Internet at the following address: http://www.epa.gov/region4/sesd/sesdpub_guidance.html.

The contractor shall perform all analyses and data reductions of assigned samples in conformance with specified SOPs and TDF requirements. During all analytical steps, the contractor shall comply with all quality assurance requirements, including the maintenance of quality control measurements, as specified in the applicable SOPs or current EPA SESD

SOW, Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

quality assurance guidelines.

The contractor shall provide Ceriodaphnia and fathead minnows for acute and chronic toxicity tests by the culturing and maintenance of biological test organisms to assure an adequate, viable supply of the organisms for biological/microbiological testing at the EPA regional laboratories. The contractor shall obtain new test organisms in order to maintain existing laboratory cultures. Culturing activities are performed in accordance with established, approved or regulated methodologies and laboratory SOPs specified in the TO or through TDFs. Collect bioassay samples and/or organisms at specified sites. Perform on-site toxicity testing, algal growth potential and other bioassessment procedures, or endangered species assessments.

The contractor shall develop documents for screening assessments, problem formulation sampling and analysis plans and quality assurance project plans and risk characterizations for ecological risk assessment.

The contractor shall collect biological samples such as mussels, crabs, fish, reptiles and amphibians and shall perform rapid bioassessments per U.S. EPA 841-B-99-002 and Region 4 SOP. In-conjunction with the rapid bioassessment the contractor shall conduct habitat evaluations. The contractor shall perform sorting, taxonomic identification and enumeration of macro invertebrates and fish species. This would also include sample processing such as tissue homogenization and sample shipping.

The contractor shall conduct on-site field sampling, hydrological, cross sectional measurements, geomorphological and sediment sampling, such as suspended and bed load sediment sampling, riparian habitat assessments at specified sites. Measurement of GPS coordinates shall be collected at all sites. The contractor shall provide analysis of soils/sediments for particle size analysis, total organic and inorganic matter, total organic carbon and other physical/chemical parameters as issued in the TDF.

The contractor shall develop and implement a site work plan detailing required field activities, including sample collection and testing, test organism identification and examination, sample preparation and packaging, chain-of custody requirements, and decontamination procedures per the TO or as issued in the TDF.

The contractor shall perform other analytical/biological support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of laboratory equipment.

The contractor shall provide for data entry of results into R4LIMS or other spreadsheets or databases as according to instructions in the SOPS or SOPs.

Deliverables:

The contractor shall submit to the TOPO reports pertaining to the analysis of samples, as referenced in SOPs of this TO, and reports of other biological support activities, in accordance with the requirements specified in TDFs. The contractor shall submit the appropriate data and the cover letters for each report to the TOPO or as designated in the TDF. The contractor shall submit any revised SOPs with the test report.

The contractor shall perform the culturing and maintenance of biological test organisms including QC to assure an adequate, viable supply of the organisms for biological testing at the EPA regional laboratory. The contractor shall obtain new test organisms in order to maintain existing laboratory cultures. The contractor shall provide monthly reports and related QC for Standard Reference Toxicity Tests (chronic and acute). Raw and QC data shall be included in the reports as specified in the SOPs, TOs or TDFs.

The contractor shall provide for the sites the following as specified in the TDF:

1. Periphyton pigment diversity and AI collections.
2. Benthic macroinvertebrate collections.
3. fish RBP data and voucher specimens.
4. fish and aquatic species collections for metals and organic analysis.
5. water samples for nutrient and AGPT analyses.
6. habitat evaluations and stream geomorphology measures.
7. In-situ water quality measurements.

The contractor shall provide taxonomic lists of benthic macro invertebrates and fish species. The contractor shall perform data reduction, analyzes, and tabulation of results according to 1999 (2nd Ed.) RBPs II and V. The contractor

SOW, Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

shall provide IBIs for macros and, where possible, fish.

The contractor shall provide forms and laboratory log books for all recordings including QA/QC documentation required by the SOPs and TDFs, and daily calibration of laboratory instruments.

Task 4: Field/Warehouse Support:

The contractor shall provide support as listed in C. Field Analytical Support, Field Warehouse Operations Support, and pertinent Task Area III, Analytical Logistical Support in the contract SOW. The contractor shall perform the following field activities in accordance with the previous reference guidance documents.

- Provide decontamination/cleaning of field equipment, analytical instruments, as well as sample container preparation to meet with QA/QC checks and requirements.
- Provide field investigation vehicle loading/unloading support. Receives equipment loadout requests and insures that field sampling and testing equipment is cleaned and prepared for use to meet with QA/QC requirements. Includes maintenance of batteries and battery shed.
- Maintain Field Equipment Center (FEC) in a neat and organized manner and track the inventory of supplies in a computer database for tracking consumables for field projects.
- Provide routine field and laboratory instrument/operator maintenance incidental to other assigned tasks including log in of maintenance and calibration records.
- Setup and perform QC checks to verify calibrations on new field sampling and field analytical equipment to assure that equipment is operating according to vendor specifications, assist in configuring equipment to accomplish field analytical tasks.
- Provide field and analytical support. Conduct pH, DO, turbidity, temperature, conductivity, water level measurements and similar testing and air monitoring. Collect and preserve water, soil/sediment, waste, and leachate samples for subsequent chemical analysis. The contractor shall perform other field analytical support activities necessary for the analysis of environmental samples such as preparation of reagents, standards and other related materials as well as calibration of field equipment
- Precisely locate and document sampling sites and features of sites. GPS coordinates are collected and provided to EPA's GIS Section for inclusion in the GIS program.
- Provide Field Analytical Screening Project (FASP) analysis support. Support will include conducting a variety of organic and inorganic chemical analyses using equipment listed in the SOW Attachments 3, 4, 5. Analytical support may be provided at both fixed and field laboratory sites.
- Provide for operation, management, and maintenance of mobile laboratories listed in the GFP.
- Develop field investigation Work Plan for all support activities and submit to EPA for review and approval as requested in the TDF.
- Process and enter analytical data and its associated location information into a GIS or EMAP environmental system, necessary to display analytical data source maps and tables. Generate source maps using ARCINFO, AUTOCAD, or other commercially available software.
- Generate and/or distribute chain-of-custody documentation, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite);
- Package and ship field samples, including document management, and return coolers.

Frequent travel within Region IV is required. The contractor will coordinate with Project Leaders for transportation to site via GOV or GFP. Site visits may include documentation of field collection efforts, sampling locations, and methodologies to determine if technical comments provided in site-specific work plans are followed and incorporated into subsequent deliverables. The contractor shall prepare detailed records of all such activities. In all instances, the contractor shall identify themselves as employees of ILS/Mantech.

Deliverables: The contractor shall prepare and submit reports associated with the above list of tasks as per F.

Deliverables in the contract SOW, appropriate regional TO/SOPs or as issued through the TDF. Computer reports will be provided for ordering of consumables and items consumed for field projects.

Task 5: Routine Instrument Maintenance:

The contractor shall perform routine analytical laboratory instrument set up and maintenance activities required for the analysis of samples assigned under this TO. The TOPO shall assign routine set up and maintenance of instrumentation, not completed in connection with the contractor's analysis of samples, through the issuance of a TDF, which will specify the nature of the tasks and schedule for completion.

Deliverables: The contractor shall prepare and submit a report to the PO and TOPO outlining the activities completed

SOW, Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

and difficulties encountered for tasks assigned through each TDF within five (5) days of completion.

Task 6: Technology Transfer:

The contractor shall provide information to EPA personnel for the purpose of transferring knowledge of a specific analytical or QA technique or technology obtained in performing work under the ESAT contract, and attend conferences or meetings, in accordance with Task Area V of the contract Statement of Work (SOW). The TOPO will issue TDFs to the contractor specifying the information required and the schedules for completion.

Deliverables: The contractor shall prepare and deliver to the PO and TOPO a summary of information provided under each TDF within five (5) days of completion.

Task 7: Training:

The contractor shall attend vendor-specific training in new technologies or specialty equipment/instruments and other EPA-specific training relating to the analysis of environmental samples, in accordance with Task Area V of the contract SOW. This may include training related to analytical instrumentation, field sampling technology, quality assurance, software or other related material. All training shall be performed only upon prior issuance of a TDF, specifying the nature of and schedule for training.

Task 8: Sample Custodian and File Manager:

The contractor shall perform sample custodial duties at SESD for environmental samples in accordance with the SOPs specified above. The contractor shall receive environmental samples arriving at the laboratory, and upon receipt, log the samples into the R4LIMS and refrigerator/freezer log and store the samples in the appropriate refrigerators, freezers, or shelves. The contractor shall generate and/or distribute chain-of-custody, traffic report forms, electronic field sheets and sample tags. This may include using EPA developed sample tracking software, (e.g., Forms II Lite). Tracking, packaging, and shipping samples; and the return of coolers to the FEC will be requested.

The contractor shall meet "all" HAZMAT safety procedures for handling of materials such as alcohol or formalin. The contractor shall perform support activities relating to the disposal of environmental samples in accordance with the Sample Disposition and Disposal SOP in the SHEMP Manual. These activities include the storage of analyzed samples in the appropriate refrigerators, tracking of samples due for disposal, obtaining reports for samples to be disposed of, filing of the sample disposal sheets after sign-off by the site project officer, and notification of designated EPA personnel that samples are ready for disposal.

Deliverables: The contractor shall submit to the PO and/or TOPO completed forms and document inventories, in accordance with HAZMAT SOP requirements.

Task 9: Data Validation:

The contractor shall conduct technical review and validation of analytical data generated through the non-Contract Laboratory Program (CLP), regional laboratory contracts, and other sources.

The contractor shall examine the data package to determine if the required data and documentation are present. If information is missing, the contractor shall immediately notify the TOPO, through an interim deliverable listing the information required to complete the data validation. This includes tracking the status of data packages to include due dates, lateness, data validation reports, missing data for samples, PE samples or field QC samples.

The contractor shall when perform electronic validation of deliverables when available (e.g., diskettes, CD ROM) or data packages using (including data packages generated electronically) electronic validation assessment software provided by the EPA, in accordance with the regional SOPs, TO and/or software documentation.

Upon completion of validation, the contractor shall submit the required data validation report(s) to the TOPO within the time frames specified in the TO or TDF. When revisions or corrections are required, data validation documents or data packages will be returned to the contractor with written directions indicating the necessary revisions/corrections in accordance with a TDF. The contractor shall make the necessary revisions/corrections and submit the corrected data validation report to the TOPO. The contractor shall update any electronic tracking system if required under the task order. The contractor shall transfer electronic data as specified in the SOW, TO, guidance or TDF.

The contractor shall produce reports summarizing statistical (or mathematically derived) information resulting from data

SOW, Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

validation and/or data review activities.. The type of information required by such reports shall include the number of samples for which data were rejected, estimated and/or the number of rejected/estimated analytes by fraction (volatiles, semivolatiles, pesticide/PCBs, dioxins, metals, cyanide, or other parameters). The contractor shall specify the reasons for qualification or rejection of analytical data and may be required to provide a statistical or mathematical summary of this information. Several quality indicators such as surrogate recoveries, holding time exceeded, adherence to initial and continuing calibration requirements, contamination issues, accurate identification and quantitation of target analytes, internal standard response factors, temperature/preservation requirements, % moisture content, volatile head space, matrix spike/matrix spike duplicate recoveries and precision, and evaluation of duplicate sample precision may be used to determine, on a mathematical or statistical basis, the overall quality of the analytical data set. To expedite this process, EPA may require the contractor to employ available/existing electronic data assessment TOPOs.

The contractor shall inventory the data packages for completeness, conduct evidentiary audits, repackage for archival storage, and transport analytical and QA-related data to/from designated records storage facilities in accordance with EPA contract requirements and SOPs at EPA facilities which may include EPA acquired off-site facilities. The contractor will be required to physically lift, move, and transport boxes of data and/or reports to EPA off-site facilities for data storage/archiving purposes as needed. All packages will be inventoried and boxed according to Federal Records Center requirements.

Task 10: Data Entry:

The contractor shall provide manual and/or electronic analytical data entry into R4LIMS and clerical support as required to complete technical and reporting requirements for all data review packages assigned by a TDF. This will include initial data entry and verification.

SOW, Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

Attachment 1

TASK ORDER NO. 17 WATER MANAGEMENT DIVISION ESTIMATED ANALYTICAL/FIELD SUPPORT Period of Performance: 4/1/2002 - 3/31/2003		
TYPE ANALYSIS/SUPPORT	TMDL SAMPLES	WATER SAMPLES
Metal Digestions	0	48
Percent Moisture	150	25
TSS or SSC	130	25
TDS	90	0
Mercury	240	0
Turbidity	0	50
NH ₃ N	117	189
NO ₂ +NO ₃ -N	731	232
NO ₃ -N	35	25
NO ₂ -N	35	25
Diss - P	145	25
TP	145	25
TKN	261	232
ANALYTICAL SUPPORT	2079	901
Culture/Toxicity (6 months of support)	0	1
Macroinvertebrate Sorting & ID (genus level - 200 aliquot)	10	0
Macroinvertebrate ID (genus level)	40	0
Chlorophyll Analysis	40	0
FORMS/Sample Packing/Shipping Support/(trips)	3	0
TOTAL BIOLOGY SUPPORT	93	1
Bedload/PSA	0	178
TOTAL SOIL/SEDIMENT SUPPORT	0	178
Items Deconned	200	900
Load-ins/Load ins/Decon	2	9

SOW, Water Management Division Analytical Support

Contract: 68-W-01-009, Task Order: 0017

Lead PR Number: PR-R4-02-10140

CAFOs with geoprobe support with travel to North Carolina (2 people)	0	5
TOTAL FIELD SUPPORT	202	914
Data Review - Inorganic Samples	750	150
Inorganic Evidentiary Audits	15	10
TOTAL DATA AUDITS/REVIEW	765	160

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0008	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303	CODE	7. ADMINISTERED BY (If other than item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 17)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 16
		10B. DATED (SEE ITEM 13) 03/01/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification hereby provides the following administrative changes to Procurement Management Roles.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED JUN 30 2003

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0008

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02
To: 09/30/03
Award Date: 03/01/02
Total Funding: \$1,053,817.00

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - F0R051	Estimated Cost	
	Fixed Fee	
Total:		\$36,606.00
FY2002 - DK2062	Estimated Cost	
	Fixed Fee	
Total:		\$4,999.00
FY2002 - DT2026	Estimated Cost	
	Fixed Fee	
Total:		\$577,183.00
FY2002 - F0R197	Estimated Cost	
	Fixed Fee	
Total:		\$224,704.00
FY2003 - F0R127	Estimated Cost	
	Fixed Fee	
Total:		\$200,000.00
FY2003 - F0R173	Estimated Cost	
	Fixed Fee	
Total:		\$10,325.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Procurement Management Roles

The following item(s) have been modified:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ELMER W. AKIN
61 FORSYTH STREET, SW
ATLANTA, GA 30303--310

Date Role Ended: 06/30/03

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0008

The following item(s) have been added:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.

Attn: SHARON R. THOMS

61 FORSYTH STREET, SW

ATLANTA, GA 30303

Mail Code:

Phone Number: 404-562-8666

Fax Number:

E-Mail Address:

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0007	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10153	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 16
		10B. DATED (SEE ITEM 13) 03/01/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.


(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR "52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification provides incremental funding in the amount of \$10,325.00

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED JUN 24 2003

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0007

Lead PR Number: PR-R4-03-10153

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02
To: 09/30/03
Award Date: 03/01/02
Total Funding: \$1,053,817.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	F0R173	03	T	72F	50102D	HQ00LA00		2505	\$10,325.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - F0R051	Estimated Cost	
	Fixed Fee	
Total:		\$36,606.00
FY2002 - DK2062	Estimated Cost	
	Fixed Fee	
Total:		\$4,999.00
FY2002 - DT2026	Estimated Cost	
	Fixed Fee	
Total:		\$577,183.00
FY2002 - F0R197	Estimated Cost	
	Fixed Fee	
Total:		\$224,704.00
FY2003 - F0R127	Estimated Cost	
	Fixed Fee	
Total:		\$200,000.00
FY2003 - F0R173	Estimated Cost	
	Fixed Fee	
Total:		\$10,325.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-03-10140	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 16
		10B. DATED (SEE ITEM 13) 03/01/02

CODE	FACILITY CODE
------	---------------

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	FAR 52.243-2 "Changes - Cost Reimbursement ALT (APR 1984)
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification adds 3,448 LOE hours for a new total of 18,960 for additional data review support in accordance with the attached SOW and increases funding by the amount of \$200,000. The contract ceiling has increased to \$1,053,817 and the expenditure limit increased to \$1,043,492.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED JUN 10 2003

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0006

Lead PR Number: PR-R4-03-10140

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02
To: 09/30/03
Award Date: 03/01/02
Total Funding: \$1,043,492.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P /
Base	F0R127	03	T	72F	50102D	HQ00LA00		2505	\$200,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - F0R051	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$36,606.00
FY2002 - DK2062	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$4,999.00
FY2002 - DT2026	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$577,183.00
FY2002 - F0R197	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$224,704.00
FY2003 - F0R127	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$200,000.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

The following item(s) have been added:

Attachment Name

HOURS

Additional Data Review Support

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0006

Lead PR Number: PR-R4-03-10140

TO Totals

The following item(s) have been modified:

Category	POP	From	By	To
Estimated Cost	Base Pd.	Redacted		
Fixed Fee	Base Pd.	Exemption 4, CBI		

TO Classification

The following changes have occurred:

The Task Order Ceiling has changed from \$843,492.00 to \$1,053,817.00.

Additional Data Review Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0006

Lead PR Number: PR-R4-03-10140

Statement of Work
Task Order No. 0016, Mod 0006
for Additional Eco-Risk Support and to

PURPOSE

The purpose of this modification is to request additional data review support in Task Order 16. Funding will be added to the Task Order to perform the tasks described in the Statement of Work below. The contractor shall perform and provide support services to the EPA Region 4 or other Government entities under the provision of the contract Statement of Work (SOW) in Task Area II: Data Review, Task Area III: Analytical Logical Support and Task Area IV: QA/QC Support.

Statement of Work for Additional Support - Audit and Review of CLP Data


Listed below is EPA's estimation of the number of additional cases for PE samples, evidentiary audits, the numbers of samples for data review and data entry that will be received during the performance period of this Task Order.

Task	Cases	Number of Samples
Organic Evidentiary Audits/Reviews	120	2300
Inorganic Evidentiary Audits/Reviews	115	2400
Dioxin Evidentiary Audits/Reviews	15	300
Total Audits/Reviews	250	5000

Included in the above estimate is 5 PRP cases for inorganic and 5 PRP cases for organic data review of 20 samples per case.

Deliverables:

See original TO 16 for deliverables.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0005	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 16	
		10B. DATED (SEE ITEM 13) 03/01/02		
CODE FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		
<p><input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>				
12. ACCOUNTING AND APPROPRIATION DATA (If required) N/A				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A			
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
	D. OTHER (Specify type of modification and authority)			
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Task Order Totals have been modified to read as follows:				
Estimated Cost changed from _____ Fixed Fee changed from _____				
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED NOV 20 2002	

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0005

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02 To: 09/30/03
Award Date: 03/01/02
Total Funding: \$843,492.00

Budget Breakout

Activity Info	Funding Category	Amount
001 - F0R051	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$36,606.00
002 - DK2062	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$4,999.00
002 - DT2026	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$577,183.00
002 - F0R197	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$224,704.00

Redacted
Exemption 4, CBI

- Modified
- Added

Totals

Following item(s) have been modified:

Category	POP	From	By	To
Estimated Cost	Base Pd.	Redacted Exemption 4, CBI		
Fixed Fee	Base Pd.			

SIGNED

3 2002
10-83)

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0004

Lead PR Number: PR-R4-03-10015

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02
To: 09/30/03
Award Date: 03/01/02
Total Funding: \$843,492.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P / C
Base	F0R197	02	TC	72F	50102D	HQ00BM00		2505	\$131,333.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - F0R051	[M] Estimated Cost	
	[M] Fixed Fee	
	Total:	\$36,606.00
FY2002 - DK2062	[M] Estimated Cost	
	[M] Fixed Fee	
	Total:	\$4,999.00
FY2002 - DT2026	[M] Estimated Cost	
	[M] Fixed Fee	
	Total:	\$577,183.00
FY2002 - F0R197	[M] Estimated Cost	
	[M] Fixed Fee	
	Total:	\$224,704.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

Attachments

The following item(s) have been added:

Attachment Name

Additional Ecological Risk Support

TO Totals

The following item(s) have been modified:

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0004

Lead PR Number: PR-R4-03-10015

Category	POP	From	By	To
Estimated Cost	Base Pd.	Redacted		
Fixed Fee	Base Pd.	Exemption 4, CBI		

TO Classification

The following changes have occurred:

The Task Order Ceiling has changed from \$712,159.00 to \$843,492.00.

The Anticipated Expiration Date has changed from 02/28/03 to 09/30/03.

Additional Ecological Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0004

Lead PR Number: PR-R4-03-10015

Statement of Work Task Order No. 016, Modification for Additional Eco-Risk Support

PURPOSE

The purpose of this modification is to request additional services in Task Order 16. Funding will be added to the Task Order to perform the tasks described in the Statement of Work below. The contractor shall perform and provide support services to the EPA Region 4 or other Government entities under the provision of the contract Statement of Work (SOW) in Task Area II: Data Review, Task Area III: Analytical Logical Support and Task Area IV: QA/QC Support.

Statement of Work for Additional Support - Preparation and Review of Biological Assessments

The contractor shall provide QA/QC technical reviews of RI/FS work plans, RI/FS reports, risk assessment reports and RODs developed during remediation or pre-remediation activities in accordance with prescribed U.S. EPA Region 4 procedures. Contractor will meet with EPA staff to discuss reports or reviews. Occasional site visits to conduct site assessments, and participate in sample collection efforts in support of the ecological risk assessments will require travel. Contractor shall develop training materials for eco risk assessment and present the material in workshops to EPA staff, State agencies and/or other parties designated by EPA.

Risk Assessment Elements	Superfund Program
Eco-Risk Document Reviews	30
Eco-Risk On-site Visits	10
Conduct Workshop Sessions for State Agencies	25*
On-Site Sampling Support Trips	10
Total Elements	75

* Seven of the 25 sessions are expected to be conducted at EPA Atlanta or Athens.

Deliverables:

Complete, up-to-date eco-risk training materials to be used as handouts at workshop sessions to be conducted for various EPA staff, State agencies or other parties designated by EPA. Provide critical technical review of documents that include and relate to the ecological risk assessment for hazardous waste sites as defined in the guidance documents and the TDFs issued by EPA.

The Contractor shall perform the risk assessment activities in accordance with the following guidance documents: Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments, Interim Final, EPA 540-R-97-006, June 1997, and the regional guidance, Supplemental Guidance to RAGS: Region IV Bulletins for Ecological Risk Assessments.

<http://www.epa.gov/region4/waste/ots/otsguid.htm>.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0003	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10321		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 16	
			10B. DATED (SEE ITEM 13) 03/01/02	
CODE FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This modification adds incremental funding in the amount of \$93,371 which fully funds the task order ceiling amount of \$712,159.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED SEP 23 2002

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0003

Lead PR Number: PR-R4-02-10321

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02
To: 02/28/03
Award Date: 03/01/02
Total Funding: \$712,159.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P /
Base	F0R197	02	TC	72F	50102D	HQ00BM00		2505	\$93,371.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - F0R051	Estimated Cost	
	Fixed Fee	
	Total:	\$36,606.00
FY2002 - DK2062	Estimated Cost	
	Fixed Fee	
	Total:	\$4,999.00
FY2002 - DT2026	Estimated Cost	
	Fixed Fee	
	Total:	\$577,183.00
FY2002 - F0R197	Estimated Cost	
	Fixed Fee	
	Total:	\$93,371.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10256		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area), NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 16 10B. DATED (SEE ITEM 13) 03/01/02

CODE FACILITY CODE	11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
--------------------	---

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) See the section, Accounting/Appropriation Data, in the attachment on Page 2.
--

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
This modification hereby transfers funding in the amount of \$36,606 from Task Order 0002 to Task Order 0016. The Task Order Ceiling of \$712,159 remains unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Charles K. Hayes</i> (Signature of Contracting Officer)	16C. DATE SIGNED AUG 6 2002

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0002

Lead PR Number: PR-R4-02-10256

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02
To: 02/28/03
Award Date: 03/01/02
Total Funding: \$618,788.00

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P /
Base	F0R051	01	T	72F	50102D	HQ00BM00		2505	\$36,606.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2001 - F0R051	Estimated Cost	
	Fixed Fee	
	Total:	\$36,606.00
FY2002 - DK2062	Estimated Cost	
	Fixed Fee	
	Total:	\$4,999.00
FY2002 - DT2026	Estimated Cost	
	Fixed Fee	
	Total:	\$577,183.00

Redacted
Exemption 4, CBI

[M] - Modified
[A] - Added

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 06/13/02	4. REQUISITION/PURCHASE REQ. NO. PR-R4-02-10221	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. EPA Region IV Procurement Section 14th Floor Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303		7. ADMINISTERED BY (If other than Item 9) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INTEGRATED LABORATORY SYSTEM P.O. BOX 13501 Research Triangle Park (Industrial Area); NC 27709	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 17)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. 68-W-01-009 TO# 16
		10B. DATED (SEE ITEM 13) 03/01/02
CODE FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See the section, Accounting/Appropriation Data, in the attachment on Page 2.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

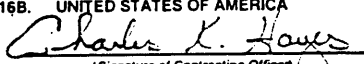
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	FAR 43.202
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

In accordance with the contractor's proposal this modification increases the ceiling by \$4,999.00 for the inventory of Superfund records; increases hours by 210 for a new total of 13,260 LOE hours; and adds \$4,999.00 of additional incremental funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES K. HAYES	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED JUN 13 2002

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0001

Lead PR Number: PR-R4-02-10221

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02
To: 02/22/03
Award Date: 03/01/02
Total Funding: \$582,182.00

Summary Changes

The Task Order Ceiling has changed from \$707,160 to \$712,159.

Accounting/Appropriation Data

The following item(s) have been added:

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
DK2062	02	T	04D0F	50102D	04WQLA00	C009	2505	\$4,999.00	P

Funding Breakout

Acct.Info	Funding Category	Amount
FY2002 - DK2062	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$4,999.00
FY2002 - DT2026	[M] Estimated Cost	
	[M] Fixed Fee	
Total:		\$577,183.00

**Redacted
Exemption 4, CBI**

[M] - Modified
[A] - Added

Attachments

The following item(s) have been modified:

Attachment Type

Hours

The following item(s) have been added:

Attachment Type

Superfund Data Review & QA Support, Mod 1

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016, Mod: 0001

Lead PR Number: PR-R4-02-10221

Totals

The following item(s) have been modified:

Category	From Amount	To Amount	Difference
-----	-----	-----	-----
Estimated Cost		Redacted	
Fixed Fee		Exemption 4, CBI	

Superfund Data Review & QA Support, Mod 1

Contract: 68-W-01-009, Task Order: 0016, Mod: 0001

Lead PR Number: PR-R4-02-10221

Statement of Work

Superfund Data Validation/Data Entry/Eco Risk Support

Task Order 16, Mod 1

Period of Performance: March 1, 2002 thru February 28, 2003

Purpose:

The purpose of this modification is to request additional services in Task Order 16. Funding will be added to the Task Order to perform the tasks described in the Statement of Work below. The contractor shall perform and provide support services to the EPA Region 4 or other Government entities under the provisions of the contract Statement of Work (SOW) in Task Area II: Data Review, Task Area III: Analytical Logistical Support and Task Area IV: QA/QC Support.

Statement of Work:

The contractor shall conduct an inventory of the 380 boxes of Superfund records presently stored at the Winterville file storage location. These Superfund records must be retained for 30 years and must be moved from the present location to the Federal Records Center (FRC) for storage. Each box of records must contain an inventory sheet detailing the contents of each box, as required by FRC regulations. The contractor shall provide an electronic and hard copy of these inventory sheets, with an appropriate hard copy going into each box.

The boxes in which these files are presently stored will also need to be replaced with FRC approved records retention boxes. This will require the records to be placed into letter-size file folders in order to fit into these boxes, rather than the legal-size folders they are in at this time.

ORDER FOR SUPPLIES OR SERVICES				PAGE OF PAGES	
IMPORTANT: Mark all packages and papers with contract and/or order numbers.					
1. DATE OF ORDER MAR 1 2002		2. CONTRACT NO. (If any) 68-W-01-009		6. SHIP TO:	
3. ORDER NO. 0016		4. REQUISITION/REFERENCE NO. PR-R4-02-10116		a. NAME OF CONSIGNEE MICHAEL H. BIRCH, TOPO	
5. ISSUING OFFICE (Address correspondence to) U.S. EPA Region IV				b. STREET ADDRESS COLLEGE STATION RD	
		c. CITY ATHENS		d. STATE GA	e. ZIP CODE 30613
7. TO:		f. SHIP VIA			
a. NAME OF CONTRACTOR INTEGRATED LABORATORY SYSTEM		8. TYPE OF ORDER			
b. COMPANY NAME		<input type="checkbox"/> a. PURCHASE REFERENCE YOUR:		<input checked="" type="checkbox"/> b. TASK - Except for billing instructions on the reverse, this task order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
c. STREET ADDRESS P.O. BOX 13501		Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet. If any, including delivery as indicated.			
d. CITY Research Triangle Park	e. STATE NC	f. ZIP CODE 27709	10. REQUISITIONING OFFICE Same as Block 6		
11. BUSINESS CLASSIFICATION (Check appropriate box(es))					
<input checked="" type="checkbox"/> a. SMALL		<input type="checkbox"/> b. OTHER THAN SMALL		<input type="checkbox"/> c. DISADVANTAGED	
12. F.O.B. POINT Same as Block 6		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
13. PLACE OF				16. DISCOUNT TERMS N/A	
a. INSPECTION Same as Block 6		b. ACCEPTANCE Same as Block 6			

17. SCHEDULE (See reverse for Rejections)						
ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	See Attached					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h). TOT. (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME Environmental Protection Agency						
	b. STREET ADDRESS (or P.O. Box) Research Triangle Park Financial Management Center (D143-02)						17(i). GRAND TOTAL
c. CITY Research Triangle Park		d. STATE NC	e. ZIP CODE 27711		\$707,160.00		

22. UNITED STATES OF AMERICA BY (Signature)

Charles K. Hayes

23. NAME (Typed)

CHARLES K. HAYES

TITLE: CONTRACTING/ORDERING OFFICER

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

Summary Information

Title: Data Validation/Data Entry/Eco Risk Support
Period of Performance: From: 03/01/02
To: 02/28/03
Award Date:
Total Funding: \$577,183.00

Accounting/Appropriation Data

DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Class	Amount	P / C
DT2026	02	T	4AD0P	50102D	04WQLA00	C009	2505	\$577,183.00	P

Funding Breakout

Acct.Info	Funding Category	Amount	Redacted
FY2002 - DT2026	Estimated Cost		Exemption 4, CBI
	Fixed Fee		
Total:		\$577,183.00	

Procurement Management Roles

TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: MICHAEL H. BIRCH
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8552
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ELMER W. AKIN
61 FORSYTH STREET, SW
ATLANTA, GA 30303--310

Mail Code:
Phone Number:
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: DEBORAH A. COLQUITT
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8804
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: DENISE L. GODDARD
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8568
Fax Number:

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: CYNTHIA K. GURLEY
61 FORSYTH STREET, SW
ATLANTA, GA 30303--310

Mail Code:
Phone Number: 706-355-8556
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: JOHN S. HALL
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8615
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: LINDA P. KIDD
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8731
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: ARCHIE L. LEE
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8623
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: JOHN P. MCCONNEY
COLLEGE STATION RD
ATHENS, GA 30613

Mail Code:
Phone Number: 706-355-8555
Fax Number:
E-Mail Address:

ALTERNATE TASK ORDER PROJECT OFFICER:

U.S. E.P.A.
Attn: LYNN H. WELLMAN
61 FORSYTH STREET, SW
ATLANTA, GA 30303--310

Mail Code:
Phone Number:
Fax Number:
E-Mail Address:

Attachments

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

Attachment Type

Hours
Invoice Approval Authority
Data Validation/Data Entry/Eco Risk Support

Subcontractor Consent

Name	Type	Amount
MANTECH ENVIR.	Cost-Plus-Fixed-Fee	\$289,762.00

Task Order Totals

Category	Amount
Estimated Cost	Redacted
Fixed Fee	Exemption 4, CBI

Invoice Approval Authority

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

Notwithstanding the appointment of Alternate Task Order Project Officers, only the contract level Project Officer and Alternate shall have invoice approval authority.

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

Statement of Work Task Order No. 016

Data Validation/Data Entry/Eco Risk Support

Period of Performance 3/1/2002 - 2/28/2003

February 28, 2002 (9:05AM)

PURPOSE

The purpose of this Task Order (TO) is to provide Superfund data review/validation, data entry, biological/risk assessments and review of other analytical QA-related documents, such as QA Project Plans (QAPPs) and Sampling and Analysis Plans, or analytical methodologies, technical support to EPA for laboratory/field review and data validation of oversight programs for EPA Region 4. The contractor shall perform and provide data review and assessment support services to the EPA Region 4 or other government entities under the provisions of the contract Statement of Work (SOW) **Task Area II, Data Review, Task Area III: Analytical Logistical Support and Task Area IV, QA/QC Support**. The Contractor shall perform the data review activities in accordance with the National Functional Guidance (NFG) and Regional documents (RFG): or any and all revisions of these documents available through the Internet at the following addresses:

CLP: <http://www.epa.gov/superfund/programs/clp/guidance.htm>
Region IV: http://www.epa.gov/region4/sesd/sesdpub_guidance.html

The Contractor shall perform the risk assessment activities in accordance with the following guidance documents: Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments, Interim Final, EPA 540-R-97-006, June 1997, and the regional guidance, Supplemental Guidance to RAGS: Region IV Bulletins for Ecological Risk Assessments, <http://www.epa.gov/region4/waste/ots/otsguid.htm>.

The contractor shall inventory CLP Sample Delivery Group and other data packages for completeness, conduct evidentiary audits, repackage for archival storage, and transport analytical and QA-related data to/from designated records storage facilities in accordance with EPA requirements and SOPs. The contractor will be required to physically lift, move, and transport boxes of data and/or reports to EPA off-site facilities. All packages will be inventoried and boxed according to Federal Records Center requirements.

Audits and quality assurance data review of data packages and electronic deliverables (e.g., diskettes, CD-ROM) will be performed, documented and reported according to standard operating guidance listed. Data packages will be submitted to the contractor for validation by the Task Order Project Officer (TOPO) through TDFs.

Upon completion of manual or electronic validation, the contractor shall submit the required data validation report(s) to the TOPO. When revisions or corrections are required for data validation documents or marked up Form I's, the reports will be returned to the contractor with written directions identifying the necessary revisions/corrections. The contractor shall make the necessary revisions/corrections and submit the corrected reports to the TOPO. The corrected/revised reports and data entry/verification into R4LMS shall have been completed within the time frame specified in the TO or TDF. The contractor shall update any electronic tracking system if required under the task order and shall transfer electronic data as specified in the SOW, TO, guidance or TDF.

STATEMENT OF WORK:

Task 1: Evidentiary Audits:

The contractor shall examine the data packages for completeness as defined in the NFG. If information is missing, the contractor shall notify the TOPO within 24 hours, through an interim deliverable listing the information required to complete the data validation. The contractor shall track the status of data packages to include due dates, lateness, data validation reports, missing data for samples, PE samples or field QC samples,

Listed below is EPA's estimation of the number of cases for evidentiary audits that will be received during the performance period of this Task Order.

Evidentiary Audits	Superfund Program
Organic Evidentiary Audits	150

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

Inorganic Evidentiary Audits	160
Dioxin Evidentiary Audits	25
Total Audits	335

Contractor evidentiary audits shall be measured against the following performance requirement summary:

Performance Standard:

- A. *Evidentiary Audits are completed within the two business days of receipt by ESAT.*
- B. *The audit must be performed in strict conformance with the SOP/NFG.*

Acceptable Quality levels (AOL):

- A. *95% of all audits must be completed within two business days and compliant with NFG/RFG to be considered satisfactory.*
- B. *All responses on the evidentiary audit report match the components of the package 90% of the time.*

Surveillance Method:

- A. *TOPOs will track receipt and completion of audits by electronic means.*
- B. *TOPOs review all reports received and compare to data package.*

Task 2: Data Validation:

The contractor shall conduct a technical review of analytical data for adherence to appropriate SOW, SOP and/or NFG and RFG. Data are generated through the Contract Laboratory Program (CLP), regional laboratory contracts, EPA regional laboratory, potentially responsible parties (PRPs), EPA field contractors, and other sources.

Listed below is an estimation of the number samples EPA estimates for data validation during the performance period of this Task Order.

Data Review	Samples	#Determinations
Classical/Nutrients	265	295
Dioxins	440	11016
Extractables	2843	187125
Metals	3703	78432
Pesticide/PCBs	2680	75810
VOAs	2351	120575
Total Elements	12282	473253

The total number of samples EPA expects to receive is 5,646 (same as previous contract period). The individual fractions are estimated to total 12,282 since some samples will contain all fractions such as VOAs, extractables, pesticides/PCBs, metals and classical/nutrients.

Contractor data validation shall be measured against the following performance requirement summary:

Performance Standard

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

- A. *Correct criteria have been applied to the analytical data and appropriate qualifiers assigned based on QC indicators. Problems with data shall be identified in data validation memos.*
- B. *Validation and data entry/verification in R4LIMS are completed within the time frame specified in the TDF.*
- C. *Technical reports (case narratives and DQRs) are complete, grammatically correct and compliant with the requirements set forth in the TDF/SOP.*

AOL:

- A. *90% of data reviews are technically acceptable on first submission*
- B. *96 -100% of data reviews and data entry/verification meet the required delivery date*
- C. *90% of data validation reports acceptable for distribution on first submission. 96-100% corrected to acceptable quality within the time frame specified in the TO or TDF.*

Surveillance Method:

- A. *TOPO will review the data validation report for completeness and technical accuracy as defined in the SOW, SOP, NFG/RFG.*
- B. *TOPO will compare required date to completion date.*
- C. *TOPO will review all reports prior to distribution.*

Task 3. Performance Evaluation (PE) Sample Preparation:

The contractor shall prepare/package samples, ship paperwork for PE spikes and blind blanks for CLP and other sampling events for the following estimates:

PE Sample Preparation	# Samples
PE & Blanks	986
Shipments/paperwork	196
Totals	1182

Contractor preparation and shipments shall be measured against the following performance requirement summary:

Performance Standard:

- A. *All shipments of PE samples, blanks and paper work are processed within 2 business of the receipt of TDF.*
- D. *All PE shipments must be performed in strict conformance with the appropriate Federal (DOT) and State shipping regulations.*

AOL:

- A. *100% of shipments must be shipped within two business days to be considered satisfactory.*
- B. *All PE packages shipped must meet the TDF requirements 95% of the time. Corrections will be made by contractor to ensure chain-of-custody reports and shipments are accurate 100% of the time.*

Surveillance Method:

- A. *TOPOs will tract receipt and completion of PE by electronic means and chain-of custody.*
- B. *TOPOs review all reports received and compare to laboratory data packages.*

Deliverables:

The contractor will provide copies of chain-of-custody documentation and shipping information and reports for PE

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

Samples. Other deliverables will be listed in the TDF.

Task 4: Preparation and Review of Biological Assessments

The contractor shall provide QA/QC technical reviews of RI/FS work plans, RI/FS reports, risk assessment reports and RODs developed during remediation or pre-remediation activities in accordance with prescribed U.S. EPA Region 4 procedures. Contractor will meet with EPA staff to discuss reports or reviews. Occasional site visits to conduct site assessments, and participate in sample collection efforts in support of the ecological risk assessments will require travel.

Risk Assessment Elements	Superfund Program
Eco-risk Document Reviews	50
Eco-Site Visits	8
QAPP Reviews	20
Sampling & Analysis Plan Reviews	2
Data Reviews for Data Validation Oversight	20
QA Document Reviews (SOP's, Scope of Work, etc.)	10
Total Elements	110

Deliverables:

Critical technical review of documents that include and relate to the ecological risk assessment for hazardous waste sites as defined in the guidance documents and the TDFs issued by EPA.

Task 5: Preparation and Review of Quality Assurance Related Documents or Materials:

The contractor shall prepare/review QAPPs and/or sampling and analysis plans for EPA and ESAT conducted projects according to the EPA guidance documents, EPA QA/R-5: EPA Requirements for Quality Assurance Project Plans; EPA QA/G-9: Guidance for the Data Quality Assessment: Practical Methods for Data Analysis; and EPA QA/G-4HW: Guidance for the Data Quality Objectives Process for Hazardous Waste Sites.

The contractor shall provide technical support to EPA in the review, development, and/or revision of QA-related documents as specified in TDFs. These documents may include SOPs, procedural documents, scopes of work, operating guidelines, analytical summaries and tables, functional guidelines, and data validation manuals.

The contractor shall conduct scientific and technical review on EPA SOPs, manuscripts, data compilations, review articles, technical papers prepared for journal publication, and scientific/technical products.

The contractor shall provide evaluation of specialized computer systems to be utilized to perform or support task-related activities, such as loading existing analytical data into EPA supplied software and generating reports or conducting electronic data assessments/validation.

The contractor may be tasked to provide review and assessment of field screening and fixed laboratory conformational data and split sampling data to determine data comparability.

The contractor shall perform data review for the regional data validation oversight program.

The contractor shall provide technical support to the EPA in the review of CLP, non-CLP, PRP, and state laboratory performance in the analysis of samples for EPA environmental programs and in the review of PRP, state, and field contractor performance of field sampling/analytical activities. This technical support may require the contractor to

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

review and track applicable documents and electronic media to determine if laboratory and/or field activities have been performed in accordance with EPA-approved requirements and specifications. The contractor may be required to provide on-site technical support to EPA at designated laboratories or sites.

Deliverables:

The contractor shall prepare and submit to the TOPO the QAPPs or S&A Plans in the format specified in the guidance documents and/or submit findings of the reviews as defined in the TDF.

The contractor shall submit to the applicable TOPO and/or project officer (PO) documents prepared and a complete report of its review of documents and data performed under this Task Area, in the format specified. This may require the submission of electronic deliverables, data tables, notes of meetings and site visits, and research materials and/or references. The contractor may be required to summarize document revisions. At times, multiple copies of documents/deliverables may be required. The contractor shall revise and resubmit documents in accordance with EPA requirements specified in the TDF.

Task 6: Training:

The contractor shall attend vendor-specific training in new technologies or specialty equipment/instruments and other EPA-specific training relating to the analysis of data review, in accordance with Task Area V of the contract SOW. This may include training related to analytical instrumentation, data review technology, software or other related material. All training shall be performed only upon prior issuance of a TDF, specifying the nature of and schedule for training.

Deliverables:

Deliverables will be defined in the TDF.

Task 7: EPA Sponsored Meetings/Workshops/Conferences

If this Task Order requires Contractor support for an EPA sponsored meeting, workshop, or conference, the following shall apply:

EPA meetings shall be held in Federal facilities whenever available. EPA is required to notify GSA when the Agency has a short term need for meeting facilities and such facilities are not available within the Agency [FPMR 101-17.101-4]. The EPA PO will determine and then advise the Contractor when Federal facilities are not available. The PO will also notify GSA or the appropriate authority and advise the Contractor if the space cannot be provided..

Except for Contractor or subcontractor personnel necessary for performance of the work called for by this Task Order, the cost of travel, food, lodging, etc. for other participants or attendees shall not be an allowable cost under this contract.

The cost of beverages, food, refreshments, etc. consumed by the participants or attendees shall not be an allowable charge under this contract.

Registration fees must be approved prior to attendance by the Contracting Officer. (If approved, fees collected must be accounted for and turned over to the EPA Finance Office. They may not be used to offset any of the cost for performing the contract.) For this Task Order, no registration fees are approved.

TASK 8: Task Order Management:

The contractor shall track the status of tasks, labor hours and costs for each TDF under this TO, including each site-specific project, in accordance with the contract Attachment 2, Reports of Work Page 2-1 of 5. Program management costs shall be identified from other costs in the financial report. The contractor shall provide the Project Officer (PO) and Task Order Project Officer (TOPO) with monthly reports of the above-referenced data.

Team management shall meet with the PO, TOPO, and other designated EPA representatives on a weekly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this Task through a transmittal slip and cover letter identifying each document submitted. The contractor shall also maintain a hard copy and computer file of each deliverable submitted under this TO.

Data Validation/Data Entry/Eco Risk Support

Contract: 68-W-01-009, Task Order: 0016

Lead PR Number: PR-R4-02-10116

The contractor shall peer review all deliverables prior to submission to EPA. The peer reviewer shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The review shall assure that each deliverable is accurate, complete, technically sound, and free of clerical errors. A copy of the appropriate Internal Review Form(s), completed in accordance with the contractor's Quality Management Plan, shall be provided to the PO and TOPO with each deliverable. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that schedules for the completion of any task may not be met. This notification shall be submitted via e-mail on a form developed by the contractor and approved by the PO. The contractor shall also notify the PO immediately upon learning of anything that may affect performance under this TO.

The contractor shall revise its QMP and QAPP to reflect any new changes in operation or new requirements or implement an EPA approved Quality Management Plan (QMP) that meets specifications in EPA QA/R2 and requirements outlined in EPA QA-R5.

The contractor shall implement or revise an existing Health and Safety plan as needed to assure that all requirements specified above are addressed.

Deliverables:

The contractor shall submit to the PO/TOPO all reports defined in the SOW (Attachment 2, Reports of Work Page 2-1 of 5) and monthly status reports under this TO.

The contractor shall submit to the PO a QMP and QAPP, covering applicable activities under this TO within the time frames specified in the approved in the Work Plan for this TO.

The contractor shall submit to the PO and TOPO a Health and Safety Plan within the time frame specified in the approved Work Plan for this TO.